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Park's Floral Magazine

Vol. LI, No. 1.
Established 1871.

LA PARK, PA., FEB., 1915.

1 Year 10 Cts.
6 Years 50 Cts.



A BEGONIA PREMIUM!

THE new Frilled Begonias, illustrated above, are exceedingly handsome flowers, large, showy, and of exquisite texture. Colors White, Scarlet, Yellow, Orange, Pink, and Salmon. You will make no mistake in getting a full collection, one of each color, and I offer the entire lot, six fine tubers, as a Premium with Park's Floral Magazine for three years for only 50 cents. Club of five lots and five three-year subscriptions only \$2.00. Speak to your friends and get up a club. Order this month. Address

GEO. W. PARK, La Park, Pa.

P. S. If preferred I can send a collection of six Double Begonias instead.

Select Your Seeds Now!

One Packet 5 Cents, 6 Packets 25 Cents, 12 Packets 50 Cts.,
18 Packets 75 Cents, 25 Packets \$1.00, 52 Packets \$2.00.

FOR MANY YEARS I have been supplying those who grow flowers with the best Seeds, Bulbs and Plants to be obtained, and at prices within the reach of all persons. This year, notwithstanding the extra expenses on account of the European war, I am making my prices still lower, so as to encourage my friends to make their orders more liberal. Test these seeds with those of any other seedsman, regardless of cost. They will be found superior in quality and vitality. Half a million people sow my seeds, and read my Floral Magazine, a monthly devoted entirely to flowers. All I ask is a trial. My seeds and Magazine will speak their own praise, and you will become my regular patron.

A Special Offer--

To anyone who orders \$1.00 worth of seeds this month I will send any of the following premiums:
Six Splendid Fringed Begonias, Scarlet, White, Yellow, Orange, Pink, and Salmon.
Seven Double Begonias, Scarlet, White, Yellow, Pink, Orange, Dark Red and Salmon.
Six New Gladiolus, finest named, Scarlet, Yellow, Pink, White, Blue, and Striped.
For a 50-Cent Seed Order I will send as a premium six splendid named Gladiolus white, yellow, scarlet, pink, red and variegated, older varieties. Order this month.

For each dollar's worth of seeds ordered select one of the above premiums.
Park's New Floral Guide for 1915, enlarged and improved, is now ready for mailing. It contains more than 600 engravings of flowers with descriptions; gives a germinating table; pronounces the hard flower names; and gives valuable information about flowers and their culture. It will be sent free to everyone who orders seeds, and to prospective patrons on request. Address **GEO. W. PARK, La Park, Lanc. Co., Pa.**



DOUBLE BEGONIA.

BLOOM FIRST SEASON.

Abronia umbellata
Sand Verbena, rosy clusters.
Acacia lophantha speciosa.
An elegant, Fern-like plant for a pot, or for a sheltered group outdoors.
Adonis, mixed sorts.
Ageratum, Tall varieties, blue, white, mixed.

Imperialis, Dwarf, blue, white
Little Blue Star, Princess
Victoria Louise
All varieties in fine mixt's
Beautiful everblooming plants for beds and pots.
Flowers in clusters, very freely borne. Plants dense, and like hot sun. One of our best annuals.

Agrostemma Cœli-rosa
White, pink, purple; 1 foot; fine in masses. Mixed.

Amaranthus, all sorts
These are easily grown foliage and flowering plants, including Joseph's Coat, Fountain Plant, Love-lies-bleeding, Princess Feather. All the new, bright sorts are also in my mixture.



Antirrhinum, Snapdragon, New Orchid-flowering, finest mixed
Tall sorts, large-flowered, finest mixed
Semi-dwarf, large-flowered, finest mixed
All varieties in splendid mixture

These are elegant, free-blooming plants, branching, each branch bearing a long spike of beautiful flowers, white, rose, red, scarlet, striped, and variegated; splendid for beds, and also for pots. Everybody should have some of these improved Snapdragons. Add it to your order.

Alonsoa, finest var. mixed
Elegant pot plants, also fine for the garden; colors white, chamois, scarlet, etc.
Alyssum, Sweet, oz. 25 cts.
Little Gem, dwarf, erect
Trailing Carpet, spreading
Annuals that bloom from spring till winter; white, fragrant, very profuse; fine for edgings and borders.

Ambrosia Mexican, sweet
Anchusa capensis, fine.
Dropmore, large blue, fine.
Antiemis Kelwayi
Perennial, bearing a profusion of golden daisies.

Anagallis, Pimpernelle, blue, red, lilac, scarlet, mixed
Anemone, St. Brigid, mixed
Arctotis, blue, orange, mixed
Arnebia Cornuta, spotted
Argemone, white, yellow, mixed
Artemisia, annual, fragrant
This is often sold as Fern Tree. It grows readily from seeds, and has pretty, fragrant foliage; often 6 ft. tall.

Asperula azurea setosa
Aster, Crego Giant, mixed, Improved Branching, mixed
New Hohenzollern, "
Early Hohenzollern, "
Victoria Giant, "
Christmas Tree, "
Ostrich Feather, "
Pompon Crown, "
Half Dwarf Multiflor, "
Dwarf Bouquet, "
Chrysanthemum Dwarf, "
Giant Comet, "
Yellow Quilled, "
Rose-flowered, "
Silver Cloud, white, "
Sada Yakko, soft rose
Bedding Aster, mixed
Giant Perfection, "
All varieties

For other kinds and colors, see Park's Floral Guide, free for the asking.

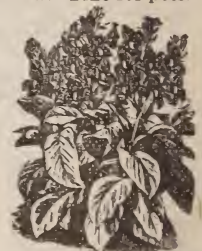
Balsam, Royal, red, rose.
Park's Camellia-flow., mixed
Prince Bismarck, salmon
Giant Blood Red, fine
Dwarf, double mixed
Camellia-fl., spotted, mixed
All varieties, mixed
My Balsams are all double, and of the best strains.
Mr. Park:—The most beautiful Balsams I ever saw I raised from your seeds. They were a revelation of beauty to all of my friends.—Mrs. O'Rear, Fla., Nov. 4, 1914.
Bartonia aurea, golden
Basil, Sweet, delicious
Bellis, dbl., English Daisy
Monstrosa, white, rose
Monstrosa, mixed
The new giant Monstrosa
Daisies bear immense double flowers, and are surpassingly fine. They are much larger and finer than the old sorts.
Mr. Park:—Your Giant Bellis became great clumps covered with fine large double flowers all season. They certainly yield big returns for little money and effort.—Mrs. Linford, Wyo., Nov. 12, 14.
Bidens, New Hybrids, mixed
Cosmos-like flowers, pink, red, black, striped; fine in beds and for cutting.
Brachycome, S. R. Daisy
New Star, white, blue, red, mixed
These lovely little annuals were used effectively for beds in Glasnevin Botanic Gardens the past summer. They ought to be better known.
Browallia, blue, white, purple, mixed
Speciosa, new, large-fl., blue
Easily grown flowers for beds; bloom well in winter in pots.
Calandrinia, pretty annuals, red, white, mixed
Calliandra Douglassi, yellow, stems, petals long and waxy, with centers well covered. They are as fine as Japanese Chrysanthemums.—R. Shafter, Mich., Oct. 10, 1914.



Callendula grandiflora, easily grown from seeds, double, orange, sulphur, sulphur striped, orange striped; single white; mixed
Mr. Park:—Your Callendulas are fine—all shades of orange and yellow and striped; double flowers 2 1/2 inches across, blooming till winter. And from them we make the best healing salve I know of, so they are useful as well as beautiful.—Mrs. Adrian ce, Tex., Oct. 2, 1914.
Cacalia, Paint Brush, mixed
Calliopsis, Double, mixed
Bicolor, Dwarf, mixed
New superb hybrids, mixed
Golden Wave, yellow
All varieties, mixed
Mr. Park:—Calliopsis is a very showy annual, and a most persistent bloomer. The flowers are daisy-like, and of great persistence. They should be in every garden.—Alice Sheffer, Mich., Oct. 9, 14.
Callischoe, pedata, purple
Involucrata, red, trailing
Both species mixed.
C. Involucrata is a lovely everblooming hardy perennial, for a bed; flower cup-shaped, very showy. C. Pedata is erect; blooms till winter.
Calceolaria scabiosifolia, a lovely free-blooming annual; flowers primrose-yellow. Fine for pots.

Canna, New Gladiolus-fl.
Finest mixed, yellow, scarlet, spotted, crimson, etc.
Mr. Park:—I raised a lot of Cannas from your seeds last summer. The plants grew four feet high and bloomed well. I had seven colors, and all beautiful. I shall keep the roots in the cellar and plant next year.—Mrs. Reed, Mich., Oct. 20, 1914.
Candytuft, hardy annuals
Shows in beds; white, lilac, carmine, purple, sweet scented, separate or mixed.

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Mr. Park:—Your Crego Aster is worthy of high praise. The flowers are marvels of beauty, large, set on long

Campanula, annual, mxd
Charming little bell-flow-
ers, free-blooming, blue and
white; fine for beds and edg-
ings. *C. procumbens* is pretty
for baskets.

Mr. Park:—I have a very
gay border of *Campanula*. I
would not be without its
cheering influence.—Mrs.
Jones, Cal., Nov. 9, 1914.

Cannabis Gigantea, Hemp
Capiscum, Pepper, 25
distinct fine sorts mixed.

Small fancy sorts for pots
for house culture, mixed.
Carduus, white-vein fol'ge



Carnation, Imp. Early-fl.
Vanguard, double, bloom-
ing first year; white, red,
yellow, striped, yellow-
ground, variegated, separate
or mixed.

Earliest French Giant,
white, yellow, scarlet, rose,
separate or mixed.

Marguerite Improved,
white, red, rose, yellow and
variegated, separate or mxd
Comtesse de Paris, yellow.
Guillaud, exquisite double.
Early-fl. Carnations mxd.
[Note.—All of my Carnation
seeds are of the finest qual-
ity. They will please you.]

Mr. Park:—My Carnations
from your seeds were fine. I
started the plants in the
house, and bedded out in
May. They soon became
large, thrifty plants, with
red, pink, yellow, white and
yellow edged pink blossoms
all over, and lasted till the
ground froze.—Mrs. Scho-
field, Ia., Oct. 15, 1914.

Cathartus tinctorius,
Saffron; golden flowers

Catchfly, pretty hardy an-
nual; rose and white; one
foot high; mixed colors.

Celastia Cristata, Coxcomb
Empress, crimson, for beds
Dwarf mixed, extra quality
Thompson mag., crimson
Magnifica, golden yellow
Magnifica, all colors mxd
and Dwarf C. mxd

All *Celastias* are fine for
beds or pots, and are always
in bloom and very attractive.
The new Magnifica sorts are
especially beautiful, and the
seeds I offer are unsurpassed.

Mr. Park:—I have had
splendid success with your
Coxcombs. They are drouth-
resisting, and when other
yards were bare and brown
mine was gorgeous with beds
of Coxcomb.—Mrs. Coates,
Tex., Oct. 6, 1914.

Centauridium Drum-
mondii, yellow.

Centranthus macroceph-
alus, white, flesh, carmine,
bicolor, mixed.

A lovely annual, everbloom-
ing, the small flowers in big
clusters, very pretty.

Cerastium Biebersteini,
silvery foliage, daisy-like
white blooms; fine edging.

Cerinthe retorta, bee pl't.

Chaenostoma, rose, fine.

Cheiranthus maritimus,
fine little annual for pots
or masses; mixed.

Centaurea Cyanus, d'ble
blue, white, rose, varie-
gated, Bach, Button, mixed.
Nana Compacta, blue, wh.,
etc., free-blooming, mixed.
Depressa, King of Blue-
bottles, fine for cutting.
Moschata, blue, white, etc.
Suaevolens, Sweet Sultan.
Odorata, blue, etc., mixed
Americana, showy rose-fl.
Complete mixture, all sorts
Few flowers are finer for
bouquets, or last better than
Centaureas. *C. Cyanus*, dou-
ble blue, is exquisite and can
be worn in the buttonhole a
day without wilting. All are
showy in the garden.

Mr. Park:—*Centaurea odo-*
rata is beautiful, and the
flowers are among the best
for cutting. If freely cut the
plants bloom for a long time.
—Mrs. Chapman, Ill., Oct. 1914.

Chrysanthemum, an-
nual, mixed

Carinatum, double, white,

yellow, purple, scarlet, mxd

Hybridum fimbriatum,
double, mixed

Coronarum, double, mxd

"New Dwarf

Northern Star, Giant, white

Inodorum, Bridal Robe, wh

Frutescens, white, yel., mxd

Mr. Park:—My Annual
Chrysanthemums were very
pretty, and bloomed June till
after frosts; colors white, yel-
low, gold-centered, etc.; a
beautiful border for the
hardy 'Mums.—Mrs. Barley,
Ky., Oct. 19, 1914.

Clarkia, Elegans, double
white, rose, salmon, purple,
striped, mixed

Pulchella, double, white,
red, margined, mixed.

All the above mixed.
Mr. Park:—What a delight-
ful surprise your *Clarkias*
were to me last summer. It
was my first experience with
them, but hereafter I shall
not consider my garden com-
plete without them.—Mrs.
Turner, Minn., Oct. 28, 1914.

Cleome gigantea, carmine.

Spider-flower; 3 feet tall
branching and covered with
showy, white Electric Light,
mixed; spikes till frost.

Clintonia, blue, white, mxd



Collinsia, lovely annua's
with whorls of white, purple,
carmine, variegated, mixed.

Collomia coccinea, scarlet

Cosmidium, velvety bro'n

Crepis, double, pink, white,
yellow, mixed; showy

Cuphea, the species mxd

Cynoglossum, blue, mxd.

Dahlia, Double mixed

Juarezii and Liliput, mxd

Gloria, semi-double, "

Single Giant, "

Cactus sorts, "

Margined and striped

Coronata, sweet-scented

Collar or Ruffled

Tom Thumb, mixed

All single and double, mxd

Mr. Park:—Last March I

started a packet of seeds of

your Dahlias in the house,

and had 18 plants. All but

two bloomed, and all were

worth keeping. One was a

soft pink Cactus sort; one

bright red was 5 in. across;

another had twisted petals;

and the single-flowered were
as much admired as the rest.
Everyone enjoyed the fun of
naming them.—Mrs. Jones,
O., Nov. 4, 1914.

Eucharidium, mxd col's

Euphorbia Variegata,
foliage edged white; called

Snow on the Mountain.

Heterophylla, scarlet.

Both sorts mixed

Eutoca viscida, free-
blooming annuals, six in.

high; flowers white and

rich blue; very pretty

Fedia cornucopia, a pretty

little annual; corymbs of

red flowers

Fenzlia Dianthiflora, mxd;

lovely rose, white and pink

flowers in great profusion.



Gaillardia Picta, mixed

Lorenziana, double, mixed

Grandiflora, large, mixed

New Compact, mixed

Beautiful garden flowers
blooming continuously till
after severe frosts; showy in
beds, and fine for cutting. *G.*
grandiflora is a hardy peren-
nial, but blooms freely the
first season.

Mr. Park:—I want to tell
you of my success with your
Gaillardias. The bed was a
most dazzling corner in my
flower garden. The flowers
are always so bright and
showy, and of so many har-
monious colors.—Mrs. Jones,
Calif., Nov. 9, 1914.

Gilia, lovely little annuals,

freely in clusters all sea-
son. White, blue, rose,

violet, separate or mixed.

Glaucium, Eurbank and

mixed, a foot high with

pretty foliage and large

showy red-blotched fl's.

Godetia, superb bedding

annuals, the flowers large,

often spotted and blotched

and of the finest colors, as

white rose, carmine, sin-
gle and double. Mixed.

Helianthus, Sunflower, new

large-flowered Red, also

Double Green-cen-
tered, Fistsuica. Arboreus

giganteus, Uniflorus and

Dwarf Variegated. Sepa-
rate, or mixed.

Helianthus, Sunflower, small-

flowered, Cucumer-
filius, Argophyllus, Dia-

demon, Stella, and new Red

and shaded. Separate or

mixed.

Hibiscus, New Sunset, 6

feet tall, with big Holly-

hock-like golden flowers

with dark eye. I also have

H. Trionum, H. Mehanii,

mixed, and *H. Moscheutos*.

Habenstretia, new African

Mignonne, a pretty,

free-blooming hardy an-
nual; flowers white, in
spikes, scented.

Ire Plant, an odd, icy

plant for pots or beds; also

mixed varieties of *Mesem-*
bryanthemum.

Jalovsittium Acaule,
Diamond flower, a pretty

creeping annual for car-
peting the soil in pots.

Kochia Scoparia, Summer

Cyprus, an elegant fine-
foliage annual, turning
crimson in autumn.

Kaulfussia, 1 foot high,
bearing blue, rose and violet
flowers; mixed.

Kenilworth Ivy, a hand-
some trailing perennial for
carpeting shady ground
or for bracket pots or
baskets; grows well in
dense shade.

Lavandula vera, the well-
known Lavender; deli-
ciously scented foliage;
hardy.

Lavatera trimestris,
"Dwarf Hollyhock," two
feet high, branching, and
covered all autumn with
showy white and rose flow-
ers; makes a fine bed or
hedge; mixed.

Leptostiphon, very pro-
fuse blooming, low, dense
annuals, exquisite for beds
or border; yellow, rose,
carmine, white, scarlet,
separate or mixed.

Impatiens, new African
Balsams, beautiful ever-
blooming plants for beds
or pots; bloom freely all
the season outdoors, and
unsurpassed for winter-
blooming in the window;
flowers white, rose, purple,
scarlet, salmon, crimson,
striped, eyed, etc.; sepa-
rate or mixed.

Linum grandiflorum,
Scarlet Flax, a very at-
tractive annual; one foot
high, masses of waving
bloom; rose and red, mxd.

Lupinus, annuals of great
beauty, blooming in spikes
all summer; flowers Pea-
like, white, blue, violet,
scarlet, mixed.

Linaria, annuals of the
easiest culture, bearing
terminal clusters of white,
violet, purple, yellow and
striped Snapdragon-like
flowers; charming. Mixed.

Lychis Chalcedonica, a
foot high, bearing heads
of rich scarlet and white
flowers; blooms first year
and for several years
after. Mixed.

Lychis Haageana, seven
inches; flowers very large
rich vermilion and other
colors, mixed. Also I offer
a mixture of many sorts.

Lobelia Hamburgia, an
exquisite plant for hang-
ing baskets and pots; flow-
ers blue with white eye.
Also *L. Speciosa* and *Bar-*
nardii Perpetual, fine for
baskets.

Lobelia compacta, Snow-
ball, becoming a ball of
white bloom, and *L. pumila*
splendens, rich blue,
good for edgings and pots.



Martagold French, double,
tall, all colors, finest mixed.

French, double, dwarf, all
colors, mixed.

French Lilliput, small-
flowered, mixed.

French single, all colors,
finest mixed.

African, double, tall sorts,
finest mixed.

African, double dwarf, all
colors, finest mixture.

Lucida, yellow, very sweet
scented, in clusters.

Marigold, (continued).

Signata pumila dwarf, bushy, becoming a golden mass of bloom.

Malva *crispa*, often 10 feet high, one erect stalk, clothed with fringed leaves and retaining its beauty till snow flies.

Malope *grandiflora*, hardy, one foot, showy rose, red and white blooms.

Martynia *Fragrans*, crimson, Gloxinia-like bloom upon a strong, spreading plant 2 feet high.

Proboscidea, lavender, spotted flowers, succeeded by claw-like pods that are used for pickles when young.

Matricaria *Capensis* fl. pl., double pure white. Feverfew: free-blooming, splendid.

Golden Ball, double; a mass of golden buttons. Silver Ball, double, a globular mass of white bloom.

All sorts, double, Mixed.

Mathiola, Evening Stock, *Biornis* and *Tricuspidata*, not showy, but the flowers deliciously sweet-scented.

Moluccella, Shell Flower, 2 ft. bell-flower, mixed.

Mimulus, Monkey Flower, exquisite large spotted flowers in profusion; single and double mixed.

Musk Plant, golden, musk-scented, fine.



Mignonette, Sweet, exquisitely scented spikes of bloom; yellow, red and white, finest mixed.

Mirabilis, Four-o'clock, tall, white, yellow, crimson, lilac, violet, tricolor, etc., separate or mixed.

Dwarf, variegated-leaved sorts, in all colors, separate or mixed.

Myosotis, Forget-me-not, charming little flower, blue, white, rose, in clusters; mixed.

Nemesia, new *Strumosa*, beautiful varieties, carmine, scarlet, cream, orange, spotted, mixed.

Nemophila, beautiful hardy annuals, the bright flowers white, blue and variegated, blooming freely all summer; mixed.

Nicotiana *affinis*, white, two feet tall, free and continuous-blooming, deliciously sweet-scented in the evening, and quite showy. *Sandera*, a new, very beautiful sort, fine for beds or pots, flowers of many rich colors, and open in day-time. Mixed.

Nicaudra *Physaloides*, Shoofly plant.

Nierembergia, *Frutescens* and *Gracilis*, fine for pots; very free blooming;

Nigella, Love-in-a-Mist, blue and white, double; Miss Jekyll, rich blue, double; all mixed.

Nolana, trailing annuals, fine for baskets; flowers bell-shape, white, blue, violet, mixed.

Nyctetaria, dwarf, tufted annuals; flowers clustered, very fragrant; mixed.

Obeliscaria, drooping, blotched golden rays, cone center.

Oenothera, Evening Primrose, lovely cup-shaped fragrant flowers; very showy; mixed.

Oxalis, pretty edging and basket plants; pink, rose, white, mixed.



Pansy, Roemer's Giant, a grand strain of German Pansies, immense in size, rich colors, profusion of bloom and sturdy, free growth. Mixed.

Pansy, Orchid-flowering, charming varieties in form and chaste colors; beautiful; mixed.

Pansy, Brown's Giant, a very superior American strain; mammoth flowers, exquisite in color and variegation; mixed.

Petunia, Park's Mammoth, single and double, finest strain, all varieties, mixed. I can also supply the Plain and Fringed and Double separately.

Petunia, New Magnifica, the finest dwarf bedding sorts, very free-blooming, and make a gorgeous bed of the finest colors and variegations; mixed.

Petunia, Medium flowered Double, mixed colors, splendid varieties, easily grown; mixed.

Phlox *Drummondii*, large-flowered sorts in finest mixture, splendid for beds, blooming all summer. *Hortensiflora* mixed; *Cuspidate* and *Fringed*, mixed; *Semidouble*, mixed; and *Dwarf Compact*, mixed. See Park's Floral Guide.

Poppy, annual, Park's Giant Carnation-flowered, a splendid race, three feet high, bearing huge feathery, globular flowers, of a wonderful variety of colors and variegations. Mxd. *Pæony*-flowered, very large, beautiful, double flowers of many rich colors; mixed.

Cardinal Poppy, 18 inches; elegant fringed flowers; finest mixed colors.

Poppy, Shirley, exquisite single flowers in the finest colors, with yellow stamens. Mixed. I also have New Dwarf Shirley, mixed.

Polygonum *Orientalis*, 6 feet high, tree-like; flowers tall-like, drooping, white and carmine, mixed. I can also supply dwarf mixed.

Portulaca, Flowering Moss, low, succulent plants; like sunshine, and are a gorgeous sheet of bloom in summer; white, rose, carmine, scarlet, yellow, salmon, blotched, striped, single mixed, also double mixed.

Ricinus, Castor Oil Bean, tall, beautiful ornamental-leaved plants, elegant for a bed or screen. *Arboreus*, 15 feet; *Gibsoni*, red, 5 feet; *Sanguineus*, 8 feet; *Zanzibariensis* mixed, 6 feet; all kinds mixed.

Rudbeckia, splendid hardy perennials blooming first season; fall-blooming; glorious in a bed. *Newmanii*, yellow, 2 feet; *Sullivantii*, golden, 3 feet; *Bicolor*, semiplena, yellow, 2 feet; all kinds mixed. Also *Purpurea*, purplish crimson, fine.

Salvia *Splendens*, ever-blooming plants easily grown from seeds; dazzling scarlet, very showy, unsurpassed for beds or pots. *Grandiflora*, large, scarlet; *Giant Scarlet*, four feet; *Zurich*, Bonfire, 2 feet, mixed.

Salvia *Coccinea nana* compacta, a fine sort for pots, rich scarlet, free-blooming and handsome. *Patens*, blue; *Scalarea*, flesh; *Azurea grandiflora*, azure; mixed; *Roemeriana*, red; mixed.

Salpiglossis, New Emperor, elegant *Petunia*-like flowers upon erect, branching plants; very rich colored, yellow, rose, blue, violet, all penciled; finest strain; separate or mixed. Also new dwarf mxd.

Scabiosa, Mourning Bride, a fine annual 3 feet high, flowers double from white to red and blue and black, borne on long stems all season, showy in the garden and fine for cutting. Separate or mixed. I can also supply dwarf, 1 foot high, fine for window pots or beds. Mixed.

Senecio *elegans*, beautiful bedding annuals, double, free-blooming 9 inches high; white, rose, blue, yellow, violet, etc. Mixed.

Savitalia *procumbens* fl. pl., creeping, flowers double, golden yellow, produced all season.

Saponaria *calabrica*, very pretty, profuse-blooming, bright flowered annuals; mixed colors.



Schizanthus, new large-flowered hybrids; elegant varieties; two feet high, bushy, covered with lovely fairy-like flowers of various colors; splendid. Mixed. Also *Wisetonensis* excelsior, the improved beautiful new Butterfly Flower for pots. Mixed.

Solanum, easily grown flowering and fruiting plants; *Giganteum*, 6 feet, sub-tropical; *Ciliatum*, orange fruits; *Laciniatum*, violet, fruits yellow; *Me-longena*, big fruits of various colors, as scarlet, striped, red, black, etc. All sorts mixed.

Silene *pendula*, finest dwarf, double-flowered sorts; appear like cushions of exquisite bloom; fine for edging and beds. Mxd. **Sedum** *cœruleum*, stone crop, very pretty.

Splenogyne *speciosa*, Daisy-like flowers in fine yellow shades; free-blooming, fine for beds.

Ten Weeks Stocks, almost perfect annuals; easily grown, free and continuous-blooming, fine in texture, rich in color, deliciously scented, double as a Rose, and borne in spikes. Everybody should grow them. New Mammoth, 3 feet, mixed; Dwarf German, 1 foot, mixed; Giant of Nice, 2 feet, mxd.; Dwarf Bouquet, 1 foot, mixed; Giant Perfection, 2 feet, mixed. All varieties mixed. For others see Park's Floral Guide, p. 35.

Tropæolum, T. Thumb, 9 inches high, very showy, beautiful *Nasturtiums*, excellent for beds and for pots and for cutting. Yellow, crimson, scarlet, orange, blotched, rose, cœruleus, etc. Separate or mixed. I can also supply T. Lilliput, the new miniature-flowered *Nasturtium* in leading colors and mixed.



Verbena, Large-flowered, Fragrant. These start readily from seeds, soon begin to bloom, and are showy till after frost. The many-colored flowers in clusters are fragrant and beautiful; fine for beds and pots. Choice hybrids mixed; Mammoth mixed; Compact mixed; all sorts mixed.

Virginia Stock, very free-blooming annuals for beds or pots; grow in masses; white, rose, carmine, mxd.

Valerian, fragrant, 2 feet high; lovely little flowers, white, rose, scarlet, in clusters; called Garden Heliotrope.

Vendium *calendula-cum*, a splendid low annual for beds or borders; flowers large, Daisy-like, rich golden yellow, freely borne all season.

Vinea *rosea*, a foot high; glossy green foliage and clusters of Phlox-like flowers; fine for beds and pots; good winter-bloomer; white, white with eye, rose, mixed.

Viscaria *oculata*, showy annuals for growing in masses; white, blue, rose, crimson, spotted, mixed.

Viola, Tufted Pansy, very beautiful, fragrant flowers for beds; endure sun better than Pansies, and bloom as freely; white, yellow, blue, mauve, azure, spotted and blotched, mxd.

Wallflower, Parisian, a charming sort blooming in four or five months after sowing; hardy, and will bloom the next season; yellow, cream, brown, blood-red, mixed.

Whitlavia, lovely annuals a foot high; bell-shaped, free-blooming; white, blue, mixed.

Zinnia, Finest Improved Double. Mammoth, 4 feet high, huge double flowers of many colors mixed; Bedding Zinnias, very free-blooming, double, ever-blooming, fine for beds; Miniature, small double flowers, mixed colors; Benary's Striped; Crispa, with curled petals, like a Japan Aster, mixed; Lilliput, small double flowers, fine for cutting. Mixed; all sorts mixed.

ORNAMENTAL GRASSES.

These are fine in beds, and very useful for bouquets, green or dry. All are easily grown. I have all the leading sorts.

Agrostis nebulosa, Pulchella; *Avena*, Antimated Oat; *Brachypodium*, Briza Maxima, Minima, Geniculata; *Brizopyrum*, *Bromus brizaeformis*; *Chloropsis*; *Euchlana luxurians*; *Hordeum*, Job's Tears, *Lagurus* or Hare's Tail, *Melica*, *Panicum altissimum*, *Virgatum*, *sulcatum* and *plicatum*, *Stipa* or Feather Grass, *Tricholena*, *Erianthus Ravenne*, *Gynierum argenteum*, *Zea Japonica gigantea* quadrilateral or Striped Corn, *Zizania aquatica*, etc.

EVERLASTING FLOWERS.

Cut and dried these are fine for winter bouquets, as they retain their color and form. They are easily grown from seeds.

Acroclinium, double, rose, white, mixed; *Ammobium alatum*, white; *Gomphrena* or German Clover, white, yellow flesh, variegated, carmine, mixed; *Gypsophila*, small rose and white flowers, mixed; *Helipterum*, golden clusters; *Helichrysium*, Strawflower, white, rose, crimson, scarlet, yellow, salmon, purple, tall or dwarf, double, mixed; *Gnaphalium*, Edelweis, white; *Rhodanthe*, white, rose, crimson, mixed; *Statice Suworowi*, Latifolia, Superba, mixed; *Waltia*, yellow; *Xeranthemum* double, white, rose, purple, mixed. See Park's Floral Guide for full descriptions. Sent free.

ORNAMENTAL CLIMBERS.

These clothe and beautify walls, fences and unsightly buildings, and are needed to make a house cozy and home-like. Always get seeds of some of these.

Cardiospermum, Balloon Vine, grows eight feet **Bryonopsis laciniosa**, Morning Glory, Japanese. I make a specialty of these superb vines, and can supply all the fine varieties, separate or mixed. See Park's Floral Guide. Free.

Cobea Scandens, one of the best vines; grows 30 feet; bronzy stems and large, drooping purple bells freely produced all season; fine for shading a porch or wall, or house.

Canary Creeper, 15 feet high, a sort of Nasturtium **Cypress Vine**, 8 feet high; **Convolvulus**, Morning Glory, the old-fashioned, **Gourds** and Cucumbers.

These are fine for covering unsightly buildings or fences or trees, and some of the more delicate may be used to drape the porch. *Cucumis flexuosa* is Snake Cucumber; *Cyclanthera* explodens and pedata are tall, fine climbers; *Echinocystis lobata* is the Wild Cucumber; *Lagenaria vulgaris* is Dipper Gourd; also *Hercules Club*, Dish, Sugar Trough, Egg, Cannon Ball, and Pipe Gourd.

Gourd, Apple, Lemon, Gooseberry; striped, Pear, green-ringed, red-striped; Luffa, the Dish-rag Gourd; *Momordica*, Balsam Apple and Balsam Pear; *Tricos-anthes* or Snake Gourd; Hundred-weight, mixed colors; Small Fancy Gourds, for children's toys; also all kinds mixed. Any of these separate, or all in mixture.

Humulus Variegata, Japan Hop, a free-growing, beautiful foliage climber; 20 feet, poodles of bloom.

Iponoea Coccinea, the small, scarlet and white Morning Glory; rapid climber; flowers open all day. Also *Limbata*, rich blue edged white; *Leari*; *Violacea vera*. All mixed.

Lophospermum scandens, a fine blooming vine.

Moon Vine, the white, large-flowered sort; also the small, rose-flowered or Evening Glory. Mixed. **Maurandya**, 10 feet; dense rich foliage, thickly set in autumn with hanging bells of rose, white and purple vine; mixed.

Scarlet Runner, a fast-growing, handsome vine.

Sweet Pea, Improved Large-flowered. I supply the finest mixtures of named Sweet Peas, all large-flowered, improved. There are no finer mixtures, as I have an immense collection of the finest varieties. I supply mixtures of white, red, pink, light blue, dark blue, shaded and margined, yellow and salmon, red-striped, blue-striped. Cupid sorts, at 5 cts. each mixture, or the ten mixtures for 25 cts. Also, Complete Special Mixture 1-4 lb. 25c, oz. 10c, pkt. 5c.

Tropaeolum, Giant Climbing, vigorous in growth, bearing large, bright flowers, white, yellow, orange, rose, scarlet, crimson, brown, bronze, blotched, separate or mixed.

Tropeolum, Lobb's Climbing, very free-blooming, rich colored varieties of great beauty; finest mixture, oz. 15 cts.

Thunbergia alata, free-blooming and beautiful; 8 feet high, a mass of handsome foliage and rich-colored blooms. Mixed.

BIENNIALS and PERENNIALS.

These are the "poor man's flowers," for when once established in the garden they will take care of themselves, and bloom freely every year. The plants are easily grown from seeds.

Achillea, Pearl, white; filipendula, yellow; millifolium roseum, rose; mxd. **Aconitum**, Monkshood, finest varieties, mixed. **Adenophora**, Campanula-like, handsome, mixed. **Adlumia** cirrhosa, lovely biennial vine; 15 feet high; exquisite foliage; clusters of waxy pink flowers; does well in shade.



Arabis alpina, a charming early spring flower; clusters of pure white flowers; long bloomers.

Aubrietia, trailing, carpeting the ground in spring with lovely violet or blue flowers. Mixed.

Agrostemma coronaria, two feet; mixed.

Alyssum, Gold Dust; golden clusters upon dwarf, compact plants.

Anchusa, Dropmore and others, mixed.

Aster, Perennial, Large-flowered; mixed.

Campanula, Canterbury Bell, 2 feet high, branching, and showing a mass of big, lovely bells, single or double; blue, white, rose, striped; mixed. Also *Calycanthemum* sorts mxd.

Campanula Pyramidalis, Turbinata, Persicifolia, Carpathica, Glomerata, Rotundifolia, etc., separate or mixed.

Carnation, Improved Garden, Double, mixed.

Coreopsis, splendid, golden flowers; fine to cut.

Chrysanthemum, New Single-flowered, mixed.

Delphinium, Perennial Larkspur, mixed.

Digitalis, Foxglove, spikes of lovely drooping bells, white, lilac, rose, purple, yellow; mixed.

Gaillardia grandiflora, finest mixed.

Geum, 2 feet high; scarlet; fine varieties, mixed.

Gypsophila paniculata, 2 feet; fairy-like white bloom on delicate stems. Also New Double-flowered.

Hollyhock, Chater's, finest double, mixed.

Hibiscus, Mehan's Hybrids, 6 feet, mixed.

Leucanthemum, Shasta Daisy, Etoile D'Anvers; also Alaska, California Westralia, etc., mixed.

Linum Flaviu, yellow; Lewisii, blue; Perenne, white and blue; Narbonne, deep blue. Mixed.

Poppy, Perennial, a mixture of 25 finest named sorts; immense flowers on strong stems, 3 feet high; perfectly hardy, bloom in early summer, splendid.

Primula, hardy, mixed.

Physalis Franchetti, Chinese Lantern, red.

Pyrethrum, New Hybrids, finest mixed.

Pentstemon, finest varieties, mixed.

Perennial Pea, 6 feet, fine ever-blooming vine, mixed.

Platycodon, superb sorts, blue, white, mixed.

Pinks, Carnations and Picotees, hardy, mixed.

Polemonium, Jacob's Ladder, blue, white, mixed.

Rehmannia, new hybrids, beautiful, mixed.

Rocket, Sweet, splendid, Phlox-like, fragrant, mxd.

Salvia, Hardy, choice mxd.

Scabiosa caucasica, mixed.

Silene orientalis, mixed.

Sweet William, single, double, mixed.

Verbascum, 5 feet, mixed.

Wallflower, hardy, mixed.

Send for Park's Floral Guide, describing and illustrating these and hundreds of others. Free.

FOR THE WINDOW GARDEN.

Abutilon, New Hybrids, finest Dwarf sorts, mixed.

Abrus precatorius, Prayer Bean, pretty vine, red seed.

Acacia lophantha, Fern Tree, beautiful.

Agathaea, Paris Daisy, fine blue, winter bloom.

Angelonia Grandiflora, white, red, fine for pots.

Asparagus Sprengeri, fine plant for pots, vases.

Plumosus, lovely Lace Fern, exquisite foliage.

Tenuissimus, fine for pots. Superbus, very beautiful. All sorts mixed.

Browallia, large-flowered, blue, white, mixed.

Boston Smilax, lovely trellis vine, fine to cut.

Begonias, all sorts, mixed.

Calceolaria, large-flowered, splendid, mixed.

Carnation, Winter-blooming, mixed.

Chrysanthemum, Fall, Double, fine mixed.

Coleus, splendid, Fancy sorts, mixed.

New Willow-leaved, new, very beautiful, mixed.

Cineraria grandiflora, splendid, finest mixed.

Cyclamen, Large-flowered, finest mixed.

Cyperus, Umbrella Plant, graceful foliage, mixed.

Eupatorium, winter-blooming, mixed.

Fuchsia, Hybrids, mixed.

Gloxinia grandiflora, finest mixed. Seeds small.

Gazania grandiflora, finest mixed. Fine for pots.

Heliotrope, all colors, large sorts mixed.

New Regal, large-flowered, all colors, mixed.

Lantana, Tall and Dwarf, finest mixed.

Lobelia, new sorts, for baskets, mixed.

Nicotiana, New Hybrids, mixed.

Primula, New French Giant, mixed.

Obconica gigantea, mixed.

Grandiflora, fine, mixed.

Forbesi and *Malacoides*, *Grandiflora*, "Butter-cup", *Verticillata*, *Kewensis*, *Sieboldii*, all pretty.

Rivina, pretty scarlet berries.

Scutellaria, vines, rose, white, mixed.

Vinca rosea, white, eyed, rose, mixed.

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INVITATION TO FLORA.

The mountains hold me, Flora,
In reach of their velvet paw;
And should I seek to flee them,
My heart would feel their claw.
So I remain here, Flora,
Far from that valley home,
Where once we dwelt together—
Oh come, come, come!
Whether from grey New Brunswick,
Or Cuba's corall'd foam,
Or Texas' Cactus desert,
Oh come, come, come!

Bring all the kiddies with you—
Sweet William, lovely Rose,
Rollicking Black-eyed Susan,
Iris, "inscribed with woes,"
Jasmine from Alabama,
New England's Bouncing Bet,
Joe Pye from Indiana;
Parisian Violet,
Old England's Daffodilly,
Missourian Wahoo,
Boeotian Althea,
Cinchona from Peru;

Bring Calycanth, ambrosial
As when the earth began,
Eschscholtzia from the Golden Gate,
Kudzu from far Japan.
Bring these and all the others
Unto our mountain home.
For still I love thee, Flora—
Oh come, come, come!
No walls shall here constrain thee.
But o'er yon summits we
Will climb, again together,
Climb upward, and be free.

Horse Shoe Bend, Idaho.

Rolla Myer.

[Note.—I am devoting space in my garden here among the mountains for a botanical collection, and shall appreciate any native seeds or plants sent me for it.—R. M.]

CHILDREN'S CORNER.

Dear Mr. Park.—I am 11 years old and in the fifth grade. I have two dogs named Schnider and Niger and two rabbits. My mother takes your Magazine and likes it very much.

El Verano, Calif., Dec. 18, 1914. Viola Bruns.

Dear Mr. Park:—I am 10 years old and live in the country. My grandmother has taken your Magazine and we all like to read it. We have lots of pretty flowers, but when winter comes we try so hard to save them, but they all freeze.

Norga, Okla., Dec. 15, 1914. Mary Ersland.

Dear Mr. Park:—I am a boy seven years old, and have two dogs named Marie and Bum. We have three colts and nine horses. My grandmother and I planted some fruit trees. She has taken your Magazine for a long time.

Quasqueton, Ia., Dec. 10, 1914. L. D. Walter.

Dear Mr. Park:—I am a little girl 10 years old and go to school every day. I like to go very much, but do not like arithmetic. My mother has taken your Magazine for a long time, and I like to read the Children's Corner.

La Verna Perry.

Cook's Mills, Ill., Dec. 16, 1914.

Dear Mr. Park:—I am a little boy 10 years old and live on a farm of 105 acres. We have four horses, nine cattle, 20 sheep and 19 pigs. We have taken your Magazine four years. I call my dog Shepherd. I go one and one-half miles to school and am in the fourth grade.

Shelby, O., Jan. 3, 1915. John Whatman.

Dear Mr. Park:—We are little girls five and seven years old. Mamma takes your Magazine and could not do without it. We have seven dolls and a pet chicken. We have four horses, four mules and four turkeys and an orchard of fruit.

Lola and Della Owen.

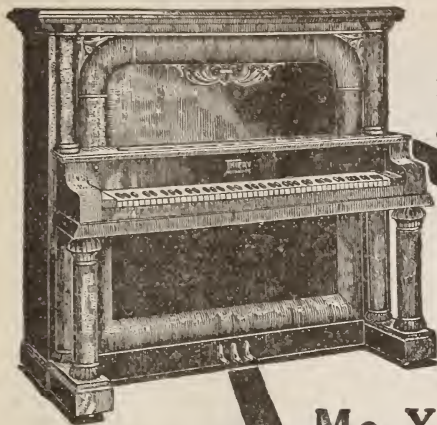
Blair, Okla., Dec. 16, 1914.

Dear Mr. Park:—I am a little girl of eight years and live on a farm in the hills of West Virginia. I go two and one-half miles to school and am in the third grade. My mother raises flowers of all kinds in the summer time. We have four cows and five calves, two horses, 16 sheep, and we raise fowls of all kinds.

Alice Harnep.

Brooklin, W. Va., Dec. 24, 1914.

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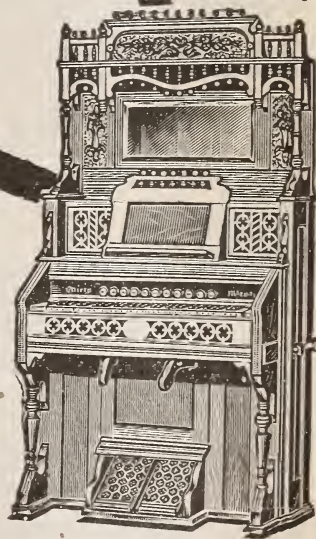
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Tear Off—Mail Today



EXCHANGES.

Strawberry and some fruit plants, Pear, Quince and Cherry trees for White and Black Currants, Yellow Plums, Yellow Raspberries, Cranberries, White Grapes, etc. Write. Walter E. Reynolds, Peekskill, N. Y.

Boltonia for Geranium slips or flowering shrubs. Write. Mrs. Jas. Halliday, 2008 E. 7th St., Sioux City, Ia.

Dahlia seeds and Ferns for Dahlias, house plants and perennial seeds. Mrs. J. C. Simmons, R. 5, Roanoke, Va.

Carnations, Begonias, Cyclamen, and Cannas for Golden Glow, named Dahlias and Gladiolus and Ivy Geraniums. E. O. Carr, 419 Melchior St., West End, Birmingham, Ala.

Seeds and plants of Oleander, Century Plant, Cannas, for Geraniums, Begonias, Hoya and Amaryllis. Mrs. B. F. Snodgrass, Alico, Tex.

Slips of Oleander, Roses, French Lilac, White Flag, Golden Glow, etc., for Dahlias, Pæonies, Pinks, and Grape Myrtle, etc. Mrs. Leslie Sewell, Cutter, N. M.



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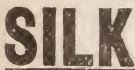
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J. C. DORN, 769 So. Dearborn Street, Dept. 22, Chicago, Ill.

CORRESPONDENCE.

From Missouri.—Mr. Park: I want to tell you how much we have enjoyed your little Magazine, which my little daughter subscribed for in December, 1907, and has continually renewed her subscription, and preserved each and every volume until now we have an encyclopedia of information. Now, when in doubt about some treatment, or the nature of certain plants, we have only to refer to our priceless "Park's Magazine." Dear flower lovers, be sure to save every number of this dear little Magazine for future needs.

I would love to tell you dear flower lovers of the many beautiful plants and flowers I have in my collection, but as space forbids, I will only tell you of the immense Oleander I have. One bearing white flowers was given me by a dear friend. It was fifteen years old when she gave it to me, and I have had it twenty years. It has been cut back until it is a beautiful bouquet all summer long. It is the admiration of all who pass by; even the students of agriculture from the "State Normal" come in a body to see, admire, and take notes on it. I also have a semi-double pink Oleander that was purchased from a florist the spring my little daughter was born, May, 1895. It is as large as the white, and a lovely sight all summer long, until frost comes, when I have three strong men put both of my Oleanders in the cellar for their long winter's rest. Now this same little daughter has grown to young womanhood, an accomplished musician, being a graduate in both voice and piano, and to me is just as lovely as the beautiful flowers she has grown up among and tended. I firmly believe flowers have a refining influence on the children, and all who are associated with them.

This winter I have had the misfortune to lose my Christmas Cacti, which I prized as the gift of a dear departed friend. If any sisters have a surplus of Cactus I shall be glad to exchange with them what I may have in my collection.

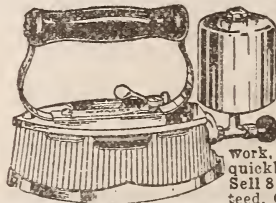
Mrs. John Holwell.

Warrensburg, Mo. Dec. 17, 1914.

From Florida.—Mr. Park: I can hardly describe the beauty of the many tropical plants of Florida. Our lawn is filled with various kinds. We have fences or hedges of the Amaryllis which lives out all winter, and when in bloom they are simply grand. Oleanders grow into great trees laden with their fragrant blossoms, and retaining their foliage the year 'round. Also, the Evergreen Magnolia, which is noted for its huge waxen and fragrant blossoms, grows as large as an Oak.

Mrs. F. R. Merritt.

Putnam Co., Fla., Oct. 14, 1914.



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Park's Floral Magazine one year and seeds of these three Magnificent New Flowers (3 pkts.) only 15 cts.; or a club of 5 subscriptions for only 60 cts. Order at once.

Among the many good things offered this season these three flowers should be in every home: Orchid-flowering Snapdragon, *Gerbera Jamesonii hybrida*, and the new *Primula malacoides*; and I would urge every person ordering seeds to secure a packet of each of these superb flowers. They are all easily started from seeds and bloom the first season.



FLOWERS OF GERBERA JAMESONII HYBRIDA.

Snapdragon, Orchid-flowering.—This elegant garden and pot plant was developed from the old-fashioned *Antirrhinum majus* by German specialists, by selection and hybridization. The plants are vigorous and bushy, of compact growth, producing enormous spikes of most exquisite and beautifully colored flowers of immense size, often spotted and striped and as richly colored as a *Calceolaria*, and rivaling the *Calceolaria* in its soft and delicate texture; bloom from midsummer until the snows of winter. Plants will endure the winter, and give good service the following year. Two feet high, and showy in groups or beds, or among low shrubbery. There is a wonderful variety of colors and variegations, and the mixture I offer, imported from a German specialist, contains all the finest varieties. Price, four packets for 15 cents, or 1 packet for 5 cents.

Gerbera Jamesonii Hybrida.—This is a greatly improved form of *Gerbera Jamesonii*, a most graceful and beautiful flower found in the Transvaal, Africa. The improvement was effected by R. Adnet, of France, who has received prize medals at Berlin, Paris, London and other places where he has exhibited, and the Horticultural Journals of Europe have been enthusiastic in its praise. The plants are of easy culture from seeds, developing rosettes of foliage from which the long-stemmed flowers shoot up

in great numbers. The flowers are very graceful, as shown in the illustration, range in size from five to six inches across, and in color from white through an infinity of tints, yellow, orange, rich scarlet, pink, rose, violet and crimson. They are valuable as cut flowers, and will carry for a great distance. The plants can be grown outdoors or in pots in the window, and in either place are exceedingly showy and beautiful. Some seedsmen ask from 25c to 35c per packet, but my price is four pkts. 15 cts, one pkt. 5 cts.

Primula Malacoides.—The new Primrose from the wilds of China, and one of the most charmingly beautiful of the Primrose family. The plants, easily grown from seeds by anyone, have rosettes of beautiful, crimped foliage, from which a thicket of stems rises a foot or more, every stem bearing dense whorls of exquisite, wheel-formed, little flowers from white to rich pink. Each plant becomes a mass of swaying bloom, exquisite beyond description. Seedling plants bloom in three or four months, and increase in beauty with age. This Primrose has created a sensation among florists, and is in great demand as a market plant. It is one of those graceful, delicate, beautiful plants that every flower-lover falls in love with at first sight. Many seedsmen are asking 20 cents a packet for the seeds, but my price is simply four packets for 15 cents, or one packet for 5 cents.

SPECIAL OFFER.—I will send one packet of seeds of each of these superb flowers, finest quality of seeds, sure to grow, together with Park's Floral Magazine for one year, for only 15 cents. Or, if you will get up a club of four subscribers, sending me 60 cents, I will send you the three packets and the Magazine a year for your trouble, and to each subscriber I will send the three packets of seeds and the Magazine a year. Please let me hear from you this month. Address

GEO. W. PARK, La Park, Lancaster Co., Pa.

GET UP A CLUB.

PARK'S FLORAL MAGAZINE one Year and 10 Packets of Choice Flower or Vegetable Seeds for only 15 cents.

Now is the time to Get up a Club.

I wish I could send to every boy and girl, as well as to older persons, the handsome nickel-plated, open-faced watch, or the beautiful little Swiss wall clock I offer for a club of ONLY 10 SUBSCRIBERS to Park's Floral Magazine at 15 cents each. It is something that cannot fail to be appreciated, while the Magazine and its premium of 10 packets of Choice Flower or Vegetable Seeds will delight everyone who joins such a club. Here is a list of the Premium Seeds sent to each subscriber. State whether Flower or Vegetable seeds are desired.



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Aster, Queen of the market, fine double flowers in autumn; blue, white, pink, etc, mixture.

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Phlox Drummondii, plants covered with beautiful clusters of bloom of various colors.

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Sweet Peas, New Large-flowered, scented; easily grown; all the new shades and forms.

Mixed Seeds. Hundreds of old and new flowers in variety. Something new every day.

These flower seeds are of the finest quality. They will afford an elegant floral display.

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Beet, Improved Blood Turnip; early, tender, sweet, productive.

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Cabbage, Late Flat Dutch; best for general crop, sweet, solid.

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Lettuce, Drumhead; compact heads, early, tender, rich, buttery.

Onion, Danvers Yellow; best to grow large onions from, mild.

Parasnip, Guernsey; the best, large, tender, sugary, of fine flavor.

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Tomato, Matchless; earliest of all, rich red, solid, does not rot.

Turnip, Purple-top White Globe; improved sort, sweet, tender.

These Vegetable Seeds are first class, and will produce the finest vegetables.

Either collection, flower or vegetable, will be sent as a premium to every annual Magazine subscriber paying 15 cents; or, the Magazine a year and both collections sent for 25 cents.

Park's Floral Magazine is the oldest, most popular, and most widely circulated journal of its class in the world. It treats only on flowers and kindred topics, and, while entertaining, it is practical and authoritative, and will be found a true guide to success in floriculture. It is one of the journals that gives full value to every subscriber.

NOW is the Time to solicit subscribers to the Magazine. A new volume began with the January number. An index is given with each volume, and it thus becomes a most valuable work of reference to the cultivator of flowers. I would urge you my friend, to help me this month. The larger my subscription list the more valuable I can make the Magazine. I will send either the Watch or Clock for ten subscriptions at 15 cents each (\$1.50), or both for twenty subscriptions (\$3.00). Is this not a liberal offer? May I not hear from you this month.

GEO. W. PARK, La Park, Pa.

IF YOU LOVE FLOWERS



You will find pleasure in reading and studying Park's Floral Guide. It not only describes and prices nearly all the flowers worth growing from seeds, but gives many illustrations, tells how to pronounce the names and indicates the time required by the seeds to germinate. It is just what every amateur florist needs as an assistant in selecting and growing the flowers and vines desired for home decoration. If you do not have a copy, let me know, and I will gladly send it to you.

And when writing why not order a collection of the beautiful Giant Hybrid Gloxinias. I have splendid tubers just imported from Belgium, this season, described and offered as follows:

SPLENDID GIANT HYBRID GLOXINIAS IN COLORS.

Pure White, beautiful,	10 cents	Scarlet, with White border,	10 cents
Bright Red, very pretty,	10 cents	Blue, with White border,	10 cents
Royal Blue, rich, lovely,	10 cents	Spotted, in various shades,	10 cents

The Collection, one tuber of each sort, 6 tubers in all, only 50 cents.

These Gloxinias are ready to mail, and can be sent at once. Order today. Cultural directions sent with the tubers.

GEO. W. PARK, La Park, Pa.

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Price, 1 year 10 cts.
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[Entered at La Park, Pa.,
postoffice as second class mail matter.]

GEO. W. PARK, Editor and Proprietor.

Vol. LI.

La Park, Pa., February, 1915.

No. 2.

FEBRUARY.

Lengthening days, and brighter sun,
Though oft the storm cloud lowers;
But soon the merry brooks will run,
And then will come the flowers,
Peeping shyly from the ground,
Covered now with ice and snow,
By February's frost-chain bound—
They are waiting now below.

Norfolk Co., Mass. Lucretia B. Zastre.

THE HYBRID PYRETHRUMS.

THE NEW large-flowered hybrid varieties of *Pyrethrum roseum* are very beautiful hardy perennials that should be in every garden. The plants throw up stems two feet high from a feathery rosette of radical foliage, each stem bearing a large, attractive and handsome flower, white or rose or crimson, and retaining its form and color for a long time. A bed of these graceful flowers waving in the early summer breeze makes a grand display in the garden, their texture being rich, and the colors very bright and showy. Such a bed calls forth expressions of admiration from all who see it.

These charming *Pyrethrum* flowers are also prized for cutting. They can be cut with long stems clothed with lovely foliage, and as they are lasting as well as of refined, æsthetic appearance, they are appropriately used for personal adornment as well as for room decora-

tion and for working into designs. They are flowers that should be better known.

Propagation is readily effected from seeds, and when the plants are once established they will live and bloom for many years. They like a sunny situation and rich porous soil, but will thrive even when the conditions are not altogether favorable. The plants should be set a foot apart in the bed, and in good soil they will soon stool out and cover the bed with a carpet of soft, feathery green, above which the bright flowers will smile and nod in the fragrant summer breeze.

There are double and semi-double varieties and comet flowered sorts with twisted petals, all of which commend themselves to the gardener, but the strain of the improved, large-flowered, broad-rayed varieties shown in the engraving are so airy, beautiful, and attractive that they can hardly be surpassed by the more cumbersome flowers. For the perennial garden these superb varieties of *Pyrethrum* should be considered indispensable, as they almost take care of themselves when once started, and will make the garden gay with bloom every summer.

It may be of interest to know that the *Pyrethrum* powder of commerce is

made from the dried and pulverized flowers of *Pyrethrum*. It is a non-poisonous insecticide, and acts by closing up the breathing pores of the insects.



PYRETHRUM HYBRIDA GRANDIFLORUM.
ENGRAVED ON WOOD EXPRESSLY FOR PARK'S FLORAL MAGAZINE.

Park's Floral Magazine.

A Monthly. Entirely Floral.

GEO. W. PARK, B. Sc., Editor and Proprietor,
LA PARK, LANCASTER CO., PA.

The Editor invites correspondence from all who love
and cultivate flowers.

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or 50 cts. for 6 years.

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Chicago, Ill., who are the advertising representatives.

[Entered at La Park, Pa., postoffice as second class mail
matter.]

FEBRUARY, 1915.

Temperature for Geraniums.—

Zonale Geraniums thrive and bloom best in a temperature ranging from 60 to 75 degrees. They require to be grown in direct sunlight, in order to bloom freely in the winter.

Asparagus Growth.—

Many inquiries are made about the growth of *Asparagus plumosus*. The young shoots push up from the roots to considerable height without any foliage, and remain so for some time. This is a characteristic of the growth of nearly all species of *Asparagus*. All that is required is to give the shoots time to develop their foliage.

Seedling Tuberous Begonias.—

In the fall the leaves die off of these, whether they have become large enough to bloom or not. It is well, therefore, to withhold water when the foliage begins to fade, and set the plants away, without disturbing the tubers, in a place where they will be free from frost, but at a temperature of about 50 degrees. Start them into growth early in spring, by moistening the soil, and increasing the supply of heat and water. As the plants begin to grow apply water freely.

Gilia.—Among the pretty little hardy annuals for the flower border are the various species and varieties of *Gilia*. They are native flowers of California, some growing upright

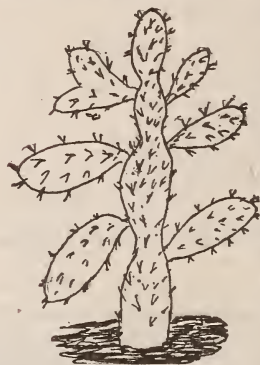
and others of a spreading nature. The branches are all tipped with clusters of the delicate and pretty flowers. Sown early in the spring the plants will begin to bloom in summer and continue until after frost. *Gilia tricolor* is one of the prettiest. The plants grow about six

inches high, the branches spreading and forming a carpet of exquisite, variegated flowers, blue, white and gold (see engraving). A mixture of different kinds will show a diversity of plants, yielding a wealth of bloom in the garden, attractive and beautiful.



ABOUT OPUNTIAS.

THE OPUNTIAS constitute a tribe of the Cactus family readily propagated and easily grown. Some are hardy at the North, and several species are found native in our Southern States. They are ornamental in appearance, and the flowers are large and showy, succeeded by fleshy fruits, which in certain species are edible and much prized for eating by some people. The young leaves, too, in Cactus countries, are cut off, the spines scraped from them, and then boiled for food. In such countries, too, they are often eaten by stock when the pangs of thirst and hunger drive them to desperation. Unlike



other Cactuses, *Opuntia* seeds are large, say about the size of a small Morning Glory seed, or *Ipomœa coccinea*. At the North the plants grow low to the ground, and are often called Cow's Tongue Cactuses. In Mexico I have seen species growing in tree form, from ten to fifteen feet high, and as much in diameter.

Those large specimens produce edible fruits which develop along the margin of the leaves, are about the size of a large hen's egg, and of a rich purple color. When ripe these fruits drop off and cover the ground. In the markets they are offered for sale under the name of Tunas.

Recently Mr. Burbank, the California plantsman, has developed a spineless variety of *Opuntia*, which is recommended to grow in arid climates for feeding stock, in order to satisfy hunger and quench thirst, as the growth is fleshy and contains much water. The plants are easily propagated from seeds, or from the younger leaves, and are among the more attractive of the Cactus family.

Freesias.—*Freesia refracta alba* sometimes fails to bloom in the window. The bulbs should be potted early in autumn, setting them one inch beneath the surface, the soil being sandy, porous, and well drained. Water sparingly at first, but do not let the plants suffer for want of water when growth begins. Keep the plants near to the glass in a south or east window, and keep the atmosphere moist, which may be done by placing shallow pans of water upon the register or stove. Treated in this way, the plants will not become slender or drawn, and every bulb should throw up a scape of bloom.



Lace Fern.—*Asparagus Plumosus* is often called Lace Fern. Its foliage fades once a year, and the plant should then be given a period of rest.

EDITORIAL LETTER.

MY DEAR FLORAL FRIENDS.—I spent much of my leisure time during college life in the Botanic Garden, where an immense collection of native and exotic hardy plants were scientifically arranged; and since that time I have visited Public Gardens in Austria, Germany, England and other

countries in Europe, but I have never seen a more concise, well-arranged and beautiful Botanic Garden than that at Glasnevin, Ireland. During my visit to Ireland the past summer I spent day after day in that delightfully interesting Garden, taking notes and photographs of many of the handsome things in bloom, and the happy experiences among the foliage and flowers there will be a source of pleasure to me as long as life shall last. Following are some of the plants noted:

Acanthus mollis latifolius, an attractive perennial, with mammoth Dandelion-like leaves and flower spikes a foot long, raised two feet above the foliage. The flowers are large, rosy white and quite showy. There were fine specimens of this plant at Glasnevin, one of which I took a photograph, which is shown in the engraving on this page. At the Kew Gardens there is a big bed of it near the Palm house that gives a display of the odd and handsome spikes every season. It is a hardy plant that deserves to be better known.

The *Achillea filipendula* is a showy perennial five feet high, with immense heads of golden flowers. It was in the background of a big perennial border, and appeared to good advantage. At the Kew Gardens, London, I saw a huge bed probably ten by fifteen feet, of this *Achillea*. It was not then in bloom,

but gave promise of a wonderful display of golden bloom. The plants were set about 15 inches apart, and seemed to be all one height.

Brachycome Iberidifolia is a lovely little annual used for bedding. The plants stood about three inches apart, and made a carpet of bloom six inches high, the flowers like small Ox-eye Daisies, white and rose and blue. The bed showed what a pleasing effect could be produced by a modest little seedling flower.

Campanula phytido calyx has plants a foot high, bearing numerous large, lovely light blue flowers; a very fine Bellflower. *Campanula pyramidalis* also appeared well-grown, the spikes six feet tall, and well set with blue or white flowers.

The *Chrysanthemum Maximum*, *Etoile d'Anvers*, is a kind of Shasta Daisy. The plants formed clumps five feet high, thickly

covered with elegant big white daisies with gold center, almost every flower well-developed and perfect. This variety far surpassed any other Shasta Daisy in the Garden. I should prefer it to all others.

Gamolepis tagetes is a little annual a foot high, branching, clothed with narrow, bright green foliage, and thickly set with golden, daisy-like flowers an inch across during the season.

Erigeron mucronatus, a beautiful edging and border plant eight inches high, covered with exquisite little daisies, pink at first, but changing to white with age. This exquisite little plant is a perennial, but blooms well the first season. It likes a rather dry, sandy, sunny situation, and was used in the big rockery at Glasnevin.

Eucharidium grandiflorum is grown in a mass, is very free-blooming, and makes a fine display, the flowers rose with white penciling. This is a Californian annual of the Evening Primrose family, and does best sown in a sandy place in autumn. If sown in the spring it is sometimes disappointing.

These flowers are all readily grown from seeds, and you would do well to try some of them. Others will be described next month under the title "Flowers at Glasnevin," and I hope later to give you a full description of the Garden.

Yours sincerely,

LaPark, Pa., Jan. 20, 1915. Geo. W. Park.



ACANTHUS MOLLIS LATIFOLIUS.

**Celsia Arcturus.**

Celsia Arcturus.—This is a beautiful semi-shrubby perennial growing two feet high, the flower-spikes being a foot or more in length. The flowers are of a lovely golden color with purple-haired anthers, and very attractive. Seedlings bloom in six months, and if started early will bloom throughout the autumn. Started later the plants must be protected in winter by a frame, and will bloom the following May and June. It is a fine pot plant for the window or conservatory. It belongs to the Figwort family, and was introduced from Candia in 1780.

LAVENDER.

THERE HAS been considerable interest taken in Lavender lately, and many persons inquire concerning its propagation and treatment. It is propagated from seeds, which should be soaked in warm water for a day or two before sowing, in order that they may come up promptly. Sow in a seed-box in the window, or later in the open ground. Sow in rows and cover with leaf-mold or soil that will not bake. When the plants are large enough, transplant to the garden bed, setting them six or eight inches apart. The plants branch freely, and will soon cover the ground. The flowers are in whorls of from five to eight flowers, and these are disposed upon a stem forming spikes of bloom. Do not disturb these spikes until they are well matured in



autumn, then they can be cut off and dried to place among clothes to prevent the moth from becoming troublesome. In late autumn a dressing of stable litter will be found beneficial in preventing the severe action of frost, and encouraging the bed to promote the next season's growth. The *Lavandula vera* is the kind mostly cultivated. It has rather large violet-purple bloom, and a group or a bed of it is very attractive. A kind equally as handsome, however, is *Lavandula pinnata*. It has very beautiful foliage, and spikes of blue flowers, and is as easily grown as the common kind. When once established these plants will endure the winter, and produce their spikes of bloom every season.

Brugmansia.—The beautiful *Brugmansia suaveolens* may be propagated from seeds, but its increase is mostly effected by cuttings of the half-ripened wood placed in sand. It is readily started in this way, and thrives as a pot plant in any good potting compost. If bedded out in summer, it will make a fine display, especially if planted where it will be protected from the west winds. It is one of the few plants that will bloom continuously, summer and winter, under favorable conditions.

MEALY BUG.

THIS PEST is particularly troublesome upon plants of *Coleus* and *Acalypha*. It appears as a white mealy web at the axils of the leaves and the forks of the branches. The parent insect remains stationary beneath the mealy web, and continually sends out its progeny to other parts, until the foliage is so infested that it falls off and the plant eventually dies. When a plant becomes affected, remove the webs with the insects adhering to them, and syringe or sponge the foliage and stems with a decoction of *Quassia* chips, as warm as the hand will bear, not warmer. If this remedy is not at hand, use suds of whale oil soap or Ivory soap, the former being preferable. Apply this remedy at intervals of three days, until the pest disappears. This tea is one of the best remedies for getting rid of the mealy bug, and should be applied whenever the chips can be obtained. They are mostly kept by druggists, and can be bought by the ounce or pound.



Oleander Scale.—When an *Oleander* is attacked by scale, brush the scale loose and sponge the foliage and stems well with whale oil soap suds. The next day after sponging, syringe the foliage with clear water, and repeat the syringing every day for a week or ten days, occasionally syringing with whale oil soap suds as hot as the hand will bear. This will destroy the small scale which may be lurking about the leaves and crevices, and entirely eradicate the pest. The *Oleander* winters well in a retired part of the plant room, watered sparingly. In the spring it may be plunged out in a sunny bed, where it will bloom freely throughout the summer. It likes a very sandy soil and should be repotted when the roots crowd, if you wish the plant to grow and bloom freely.

Sweet Jasmine.—One of the sweetest of the *Jasmines* grown in pots at the North is *Jasminum revolutum*. It is a free-growing, free-blooming sort with deliciously scented, golden flowers. It is readily started from cuttings inserted in sand, and will thrive in a compost and with such treatment as given a common *Zonale Geranium*. It is one of the best of *Jasmines* for the amateur's window garden.

Begonias Blighting.—It is not uncommon to find the leaves of *Begonias* turning brown at the edges and drying up. This is due to a blight or fungus attacking the plant. The diseased leaves should be promptly removed and burned, lime and sulphur should be dusted upon the rest of the foliage, and a portion of the material incorporated with the surface soil around the plants.

ASPARAGUS.

THE VARIOUS species of *Asparagus*, as *Asparagus plumosus* or Lace Fern, and *Asparagus Sprengeri* or Emerald Vine, and others, have tuberous roots, are tenacious, and will endure considerable neglect. Once a year the foliage will turn yellow and drop off. This is Nature's method of giving the plant a rest, and as soon as the foliage begins to fade, it is well to withhold water for a time, giving only enough to keep the roots from drying. At the same time keep the plant in a rather cool, shady place. In the course of six weeks or two months, cut back the faded foliage and begin watering, and the plant will soon make renewed growth and be more beautiful than ever.

Asparagus plants are easily grown from



ASPARAGUS PLUMOSUS

seeds, but the seeds often require from four to six or eight weeks to germinate, unless soaked in warm water for several days. Many failures result from giving up before the seeds have had time to germinate. The plants are of the easiest culture, and will thrive well in any rich, well-drained compost, with a modicum of sunlight and a moderate temperature. In former years *Asparagus tenuissimus* was popular as a house plant, but for some years past it has been almost forgotten, because of the popularity of the later introduced species. It is, however, one of the beautiful pot plants that should be reinstated, and I mention it here in order that you may secure seeds of it and add it to your collection, as it will compare in beauty with many of the species which are now under cultivation.

Starting House Plants.—As a rule the best time to start house plants from cuttings is in the spring of the year. Insert them in sand in a box covered with glass, and keep in a warm, rather shady place until they are rooted, then pot them in a good potting compost with good drainage.

CITRUS TREES.

THE CITRUS trees grown in pots at the North, Orange and Lemon, should have a very sandy, coarse compost with good drainage. They should be watered freely while blooming and growing and developing their fruits, but rather sparingly during the winter, or until the blossoms begin to appear. The plants like a warm sunny situation, and can be plunged outdoors in summer if desired. Do not let the hot sun shine against the sides of the pots. When the soil needs to be enriched, stir some bone meal into the surface. In summer, also, it is well to mulch the soil with pulverized horse manure or stable litter. This will prevent rapid evaporation and drying out, and promote the growth of the branches and the development of the fruit. When grown in the window, sponge the foliage occasionally with soap suds as warm as the hand will bear, to prevent attacks of the red spider and scale. Most of the trouble with these plants comes from growing them in a stiff, tenacious soil, which becomes sour by liberal watering, and the plants will not endure sour soil. Repot them when the roots become crowded, and keep the plants in a moderately warm temperature. They are tropical plants, and will become chilled and stunted by subjecting them to a cool, chilling temperature.

Gladiolus Propagation.—*Gladiolus* bulbs can be increased in three ways: First by seeds; second by the numerous little bulblets that form upon the roots; and third by offsets that develop upon the upper side of the bulb. As a rule the old bulb dies after throwing up a flower spike and forming the new bulbs upon its surface, and unless the conditions are favorable the new bulbs may not be as large as the parent. If planted early, however, and grown under proper conditions the bulbs will multiply several times, and the new bulbs will be larger than the parent bulb. The bulblets must be kept till spring, then planted. They will produce blooming-sized bulbs in one season. Seedlings started early will also develop into blooming-sized bulbs in one season.

Ever-blooming Geraniums.—Some of the newer compact-growing *Geraniums* not only bloom freely during the summer season, but may be regarded as ever-blooming *Geraniums*, from the fact that by proper treatment a display of flowers may be kept up almost continuously throughout the year. There is also a variety of *Pelargonium* which is regarded as ever-blooming. It not only blooms in the spring, but develops clusters of bloom throughout the summer, autumn and winter, though not so freely as in the spring. It is called the Easter Greeting. It is a plant that requires light, rich, porous soil that will not bake, and a rather sunny situation, in order to grow and bloom satisfactorily.

GLADIOLUS FOR CUTTING.

WITHIN THE past few years the spikes of the improved Gladiolus have become very popular as cut flowers. The bulbs planted as soon as the ground can be worked begin to bloom early in summer, and if the bulbs are large, they will throw up several spikes of bloom, the spikes varying in length according to the variety.

The spikes are cut with long stems as soon as the first flower opens, and when placed in water, practically all of the buds that are formed will successively develop into fine large flowers.

The colors range from white through shades of red to crimson, and many of the flowers are strikingly variegated, as, blotched, spotted, striped and margined. There are also shades of yellow to orange, mostly mingled with other colors. And within the past few years varieties with rich blue or purple flowers have been introduced. Altogether the variations include a wide range of colors, and the texture is waxy and delicate. Many persons prefer flowers of one color for a vase, but some admire the flowers in mixture. To supply the former, the bulbs are grown in separate colors and

are named, so as to identify them. The great demand, however, is for spikes of different colors, and these are readily grown from mixed bulbs.

A succession of flowers can be kept up throughout the summer by planting at different periods, keeping the bulbs cool and dry until they are wanted for planting. They will keep until the first of June if well matured. In planting late in the season, care should be taken to cover the bulbs at least five inches deep. This will keep the bulbs cool and moist, and promote the full development of the spikes. It will also obviate stak-

ing the plants, which would otherwise be blown over in time of rain and storm. Mulching the ground with stable litter is also beneficial in late planting, to prevent the rapid evaporation of the moisture in the soil, and to promote growth.

The bulbs like a deep, rich, rather sandy soil and a sunny situation. As the plants occupy but little space, they can be planted close together, say three or four inches apart in the rows, but the rows should be far enough apart for the use of a cultivator.

Gladiolus are among the most reliable and satisfactory of the summer-flowering bulbs,

being easily grown and always sure to bloom; and as they are inexpensive there is no excuse for any garden being without them. They may also be grown from seeds, and seedlings of the new early-flowering hybrids will bloom well the first season. The ordinary hybrids, however, usually require two years or more to attain blooming size from seeds.

The Gladiolus bulbs are hardy at the South and may be left in the ground over winter. At the North they will sometimes live in the bed over winter, especially if they are planted deep; but it is better to lift and dry them, remove

the tops, and store in a frost-proof room or cellar.

Wintering Hydrangea.—The half hardy Hydrangeas can be wintered in a light, well-ventilated, frost-proof cellar. Water sparingly. In spring repot the plants if necessary, cut the tops back, and give more heat and light to start them into growth. If pot-bound use a larger pot in repotting.

Transplanting Peas.—Perennial Peas can be transplanted, but require a little time to become established after resetting.



BOUQUET OF HYBRID GLADIOLUS.

TREATMENT OF CALLAS.

MANY PERSONS fail in having their Calla plants bloom, simply because they do not rest them. If you wish your Callas to bloom in winter, rest them in summer. If you wish them to bloom in summer, rest them in winter. Some persons get three crops of bloom by resting the plants as soon as the growth of foliage is complete, keeping the plants in a dry, rather cool place



for a month, then renewing the water supply. The soil should become almost dry and remain so, only enough moisture being given to prevent the fleshy roots from drying up. If the plants are not repotted, stir some bone-dust or phosphate into the surface soil, at

the time you begin watering. The tubers should be set about one inch under the ground. The soil should be loose, porous and well-drained; and a little lime stirred into the surface will sweeten it and promote the development of foliage and flowers.

Grafting a Christmas Cactus.

The Christmas Cactus can be successfully grafted upon a plant of Night-blooming Cereus, the grafts being inserted at the summit of the stem, about one foot in height. It will thus grow in the form of an umbrella and be quite attractive. If the top becomes too heavy for the Cereus, it can be strengthened by means of strong wires sunk into the soil close to the stock, to which it is secured. Some of the slender-growing Mammillarias might be used as stock, but they are usually slow in growth, and would be some time in attaining a suitable height for the insertion of the grafts.

Crown of Thorns.—This is the common name of Euphorbia splendens. It is a house plant at the North, easily grown, and bears clusters of waxy vermilion flowers during winter and spring. The plant being clothed with long, sharp spines, and bearing pretty waxy flowers upon wax-like, rosy stems, is attractive desirable for window decoration.

Hydrangeas.—Hydrangeas, whether hardy or tender, are not everblooming. That is, they will not bloom summer and winter. The Chinese Hydrangea can be forced into bloom early in spring, but should be then given a rest during the latter part of summer and the early part of winter.

A LOW HEDGE.

A SUBSCRIBER asks what plant would be suitable for a low hedge for a mound in the cemetery, 25 feet in diameter. A good plant for such a border would be Berberis Thunbergii. By trimming in the spring it could be kept low and in fine shape, and its delicate, dense foliage in summer, its bright carmine



BERBERIS THUNBERGII

tints in autumn, and the wreaths of scarlet berries, which clothe the naked branches in winter, make it always attractive. A plant of somewhat different character is Yucca filamentosa. It has stiff sword-like, upright leaves, which remain green the entire year. In summer it throws up tall branching stems with beautiful white, drooping, bell-shaped flowers. It is one of the most beautiful and appropriate of cemetery plants, and when once established will take care of itself. It does not mind drouth or wet weather, and has no enemies. It may be propagated from seeds, or from the big subterranean stems from which the leaves and flower stems issue.

Starting Oleander.—The Oleander is readily propagated from end cuttings of the branches, six inches long, taken in early summer, and placed in colored bottles of water. Before placing in the water, split the stems one-half inch or more, and insert cotton in the crevice. If the bottles are of clear glass wrap them with brown paper. They may be kept in a well-lighted or sunny situation in the plant room, where the temperature is about 70 degrees. They will form roots in three to six weeks, according to the condition of the cuttings. When well rooted they should be taken out and potted in very sandy soil, with good drainage.

Amaryllis in Winter.—If you wish your Amaryllis bulbs to bloom in winter, rest them in summer, drying them off almost entirely, and keeping in a cool, shady place until autumn, then begin watering when you wish them to renew their growth and develop flowers. The secret in getting Amaryllis to bloom is to dry off the bulbs and get them matured. If kept moist and continually in a growing condition they bloom very sparingly. If you wish the bulbs to bloom in summer rest them in winter, keeping in a cool place and almost entirely dry. When the bulbs are growing and blooming, water freely.

Sword Cactus.—When a Sword Cactus fails to bloom, plunge the pot in a sunny bed outdoors during summer, and let Nature take care of it. If allowed to suffer somewhat from drouth, it will promote the development of buds and flowers.

ABOUT REX BEGONIAS.

THE BEAUTIFUL plant known as Rex Begonia was introduced from the East Indies in 1858, a little more than a half century ago. It is a plant with subterranean stems and bronzy green foliage with silver zone. It is of easy culture, and is one of the most beautiful of window plants. There have been many hybrids developed with this Begonia as a parent; and the richly variegated plants classed as Rex Hybrids, the colors being pink, crimson, rose and carmine, distinctly and richly contrasted with green and bronze, are among the most striking and beautiful of greenhouse and window plants. They will not thrive in a close, tenacious, wet soil, but are easily cultivated if given a soil composed of leaf mold, sand, some well-rotted manure and dry and pulverized moss, the whole thoroughly mixed together in equal parts. They like a moist atmosphere and a rather shady situation, especially during the heat of the day. To produce large, handsome specimens, shift the plants into larger pots as they develop, until they occupy six-inch or eight-inch pots. During the growing season water occasionally with a weak liquid fertilizer made from barn-yard manure, or add a little liquid ammonia to the water, about one teaspoonful to a gallon of water, and use as a stimulant. During a period of drouth in summer, if the plants are not in a glass-covered house where the moisture is retained, set them in boxes with sphagnum moss beneath and around the pots, and some of the material over the soil in the pots. This will prevent drying out, and the moisture constantly coming from the moss will tend to keep the plants in good condition.

Rex Begonias are easily raised from seeds by persons who understand propagation in this way, and have the proper facilities for their treatment.



The most common way, however, and the one recommended to the ordinary cultivator, is the starting of young plants from leaf cuttings. To do this cut off matured leaves, allowing an inch of stem to each. Insert this stem in the sand its full length, spread the leaves out, cut

through the chief veins here and there over the leaves, and with pieces of bent wire, like hair-pins, secure the cut veins to the sand so that they will come in contact with it. If the leaves are placed over the sand in this way, and the sand box kept covered with panes of glass, and in a light but shady place for a fortnight, roots will be found pushing out from the veins, and also from the leaf-stem

which was inserted in the sand. Keep the sand moist, and give air when necessary until the plantlets are well rooted, then take them out and pot in sandy soil, still keeping them where drafts of air or a dry atmosphere will not affect them. In due time every leaf will thus have produced a dozen or more plants. As these plantlets gain in strength, they can be given more open air, and will endure the treatment given to older plants.

The chief secret in growing Rex Begonias is to provide proper soil, keep the plants in a moist atmosphere, and avoid drying drafts of wind. Water judiciously, keeping the plants neither too wet nor too dry. A drying atmosphere with dry soil and repeated exposure, to the hot midday sun will soon ruin any of these fine Begonias. But with proper attention they are beautiful pot plants that afford much pleasure, and nothing will make a more beautiful window display than a collection of the finer varieties of Rex Begonias.

Long-necked Plants.—A subscriber in New Jersey has Primroses with necks three inches long, extending above the soil, also Oxalis which are growing in the same way. She should repot these plants, setting them in the soil so that the crowns are just above the surface. Roots will then form along these necks, and the plants will grow better than ever. It is customary for necks to develop upon the plants of Chinese Primrose, and to avoid their unsightly appearance they should be repotted every autumn, setting them a little deeper in the soil. The same is true of all other plants that develop an unsightly neck. Even the Screw Pine growing in the ground in a large glass house, can be renewed when the stem becomes long and unsightly, by setting it deeper in the soil, and such means is not uncommon.

White Fly.—The so-called white fly is a small insect that lays its eggs upon the under side of the leaves, and is especially troublesome upon Nasturtium, Fuchsia and Coleus. It is a difficult pest to get rid of, as very few of the remedies will affect it. Perhaps the best remedy is to syringe the plants upon the under side of the leaves with lime-sulphur solution, using one part of the solution to ten parts water or tobacco tea, the tea being preferable. There are few insects that will endure this remedy, and it is one that should be kept convenient wherever there are a number of plants to care for.

To Restore a Sickly Chrysanthemum.—When a Chrysanthemum plant loses its vitality and drops its buds, stir some lime into the surface soil, set the pot inside of a larger pot, fill in between the pots with sphagnum moss, and place some moss over the surface of the pot. This will sweeten the soil, prevent rapid evaporation, and keep the soil constantly moist, something which is almost necessary for the healthy development of Chrysanthemums.

THE NEW GIANT DAISIES.

THE WELL-KNOWN English Daisy, *Bellis Perennis*, has lately been greatly improved in size and form, and as the plants are hardy, they should be generally grown in our Northern gardens. The plants are readily propagated from seeds, which germinate in three or four days, and with proper care the little plants will soon stool out, forming a rosette of foliage from which the long-stemmed, double flowers are abundantly produced, as indicated in the little engraving. Seedling plants will come into



bloom in three or four months after they are started, and if the seeds are of a good strain, the flowers will be as large as a half dollar, and double to the center. In all seedling plants of double flowers a certain portion will produce semi-double flowers, and these can be discarded when they show flowers, thus only the fine double-flowered plants will be retained. The quilled varieties are odd in form; the *Ranunculus*-flowered varieties differ in general appearance; but the finest of the lot are the varieties classed under *Monstrosa*, on account of the monstrous size of the flowers. This marvelous development was effected chiefly by German florists, from whom the seeds are imported.

Those who are unacquainted with these handsome Giant Daisies should get seeds and start a bed of them the coming season. They will bloom constantly when they begin blooming, and will even develop their flowers during winter, if given a rather cool, moist situation, as a pit or a place in the Violet house. They make a fine display in the garden during autumn, and are among the modest, pretty flowers that should have a place in every garden.

Stirring the Soil.—Plants thrive much better when the soil is kept well stirred, and to prevent soil from baking or getting hard every time that water is applied, mix some coarse sand with the surface soil, or stir in some dry and pulverized moss. If tobacco stems are chopped fine enough so as to intermix with the soil, they will answer the same purpose, and will enrich the soil as well. The stems need not be taken up, but a new supply can be added when the old stems become sapped of their strength. Plants never do well if the surface soil bakes or becomes hardened, so that the air cannot have access to the roots. It is for this reason that cultivation is necessary for a thrifty growth.

Ampelopsis.—The various species of *Ampelopsis* like a rather sunny situation, but will thrive in a well-lighted shady place. The best time to set the plants is in early spring, before growth begins. They may, however, be successfully transplanted any time during the summer.

WALLFLOWER.

A SUBSCRIBER in Cumberland County, Pa., complains about her Wallflower failing to bloom, although the plants are started early in the spring and potted in the fall, and kept in the window. Her trouble comes from growing varieties that do not bloom until the second season. If she wishes flowers the first season, she should get the Parisian Wallflower, which will bloom in five or six months after the seeds are sown, and will also bloom in a cool room if established in pots. The Tree and Branching Wallflowers should be grown in the garden, and given a little protection in winter. They will then begin to bloom in the spring, and continue more or less in bloom throughout the season. If the winter should be favorable, the plants will not need protection, but if the winter is alternately warm and freezing, subjecting the plants to sudden and severe changes of temperature, they will be likely to freeze without any protection. The plants are easily propagated from seeds, and may be transplanted to the garden when they are young. They like a sunny situation and a moist, rich soil.



Schizanthus Wisetonensis.—A few years ago a very beautiful annual plant was introduced by German florists as *Schizanthus Wisetonensis*, and it has become popular for growing in the greenhouse or conservatory. The flowers are Orchid-like, rich in color, and

very freely produced upon dwarf, bushy plants which they literally cover. Seeds sown in an eight-inch pot will soon show blooming-size plants, and if thinned out until



only five or six plants occupy the pot, the group will soon become a glorious mass of delicate bloom. A variety of this *Schizanthus* known as *Excelsior*, is of stronger growth and considered a great improvement upon the old sort. Those who wish an inexpensive novelty of great beauty should get a packet of seeds of this beautiful, fairy-like *Schizanthus*.

Palms.—Palm seeds should be planted half an inch deep, and the soil kept moist until the plants appear, which will be in from one to six months, depending somewhat upon the species and condition of the seeds. Pot in three-inch pots when large enough, and keep in the plant window, placing sphagnum moss over the soil to prevent rapid evaporation. In summer set the plants inside of larger pots, with moss between them, and place in a protected situation on the porch. Repot when the roots become crowded.

CHILDREN'S LETTER

MY DEAR CHILDREN:—It seems but a short time since old King Frost began to sway his frigid scepter at the North, and demand his toll from our gardens, fields and forests. We grieved to see our brave, bright flowers wither and die at his arbitrary command; to see the familiar trees that seemed from long and happy association like dear friends, denuded of their lovely foliage and stand with outstretched arms shivering in stern Winter's icy breath. Our hearts were saddened, too, by the plaintive farewell songs of our little feathered friends on departing for their winter home in the sunny South; and by the dismal, cloudy, shortening days, and the waning, weakening sun. Thus, in a measure, we were prepared for old Mr. December, who soon came whistling his cold, cheerless notes around the corners of our homes, and moaning a dirge to departing summer through the thicket of evergreens standing sentinel by the garden path.

But how quickly Time moves on. It seems but a short period since the earth was made bare, and there were no signs of a better day; but now the early Maples, and Elder and Lilac show their fat, swelling buds; the silvery branches of Pussy Willow indicate the coming fragrant bloom; and the brighter gold of the Willow twigs,

the peeping of Crocus buds, and the sight of an occasional early returning bird tell us that spring's awakening is near at hand. Already we are anticipating its coming, and making preparations to enjoy its warm sunshine and showers, and its verdure and flowers. Most of you, dear children, have received catalogues of flowers, and are studying them with a view to making a wise selection of seeds and plants for your summer garden. So I shall talk to you a little while about the easily-grown annuals and perennials that will afford you the most pleasure.

Antirrhinum is the Snapdragon, so-named because if you take the flower between your thumb and finger and press upon its sides it will open its ominous jaws, and upon relieving the pressure suddenly, the jaws will close with a snap. It is always curious and interesting to watch the big broad mouth open and close as if endowed with life. But this is not the only interest you will have in this easily grown flower. Once started the plants grow like Jack's Bean-stalk, and soon the numerous wand-like branches will be thickly set with buds and the big dragon-flowers will develop in glorious array, some plants showing white flowers, some yellow, or orange or rose,

crimson, scarlet, or a combination of these rich colors, spotted, ringed, blotched, and flaked in the most pleasing contrast. Then, if undisturbed these flowers will soon be replaced by the most curious, skeleton-faced seed-pods with big sunken eyes—windows where the baby Snapdragons jump out in numbers every time the parent Snapdragon dances in the breeze. Yes, you ought to have a bed of Snapdragons in summer, and later should pot a plant or two to brighten your window in the winter.

Another annual that will please you is the Garden Balsam. Almost every seed will grow into a fine erect plant, and its long, swaying arms will grow with little wax-like roses, making the garden gay with bright bloom almost the entire season. The double Balsams you will admire very much, but you will be more interested in and more amused by the semi-double and single. Do you know why? Well, every morning when you go out to look at your little garden you will find the ground beneath the plants covered with little long-necked geese, some white, some red, others pink or salmon or scarlet. And when you gather them up and set in a row, how pretty and life-like they will appear. And where every little "goose" dropped from you will find a green, worm-like pod, which will get longer and thicker every day. At last it becomes transparent, and you can see the fat little picaninny seeds showing through the walls of their tiny house. Now touch the tip of the house, and it explodes and curls up, and scatters its brown children in all directions. Isn't it odd? But it is Mother Nature's way of sowing seeds, and peopleing the vegetable world.



SUNFLOWER FACES.

I can only have one page for your letter this month, so I must skip the Asters, Bachelor Buttons, Carnations, Coxcombs, Pot Marigolds, Summer Pinks and Gaillardias, all of which you should have in your garden, and will speak of the big smiling Sunflowers called Helianthus, from Helios, sun, and Anthus, flower. And do you know why it was so-called? I hear one of you exclaim, "Why, that's easy! It's because the big flower is so bright and cheery, and seems as a ray of sunshine." Well, that is a good answer, but not quite right. If you will just watch a blooming plant all through a summer day you will notice that in the morning when the sun peeps up over the far distant hills, the smiling faces are turned to the east, and nod in the breeze as if to say "Good-morning, Mr. Sun! We love you, and are so glad to see you that we shall just look at you all day!" And they do exactly as they say, for at noon their faces have turned half-way, and in the evening they are looking directly west, toward the setting of the sun. And so we call them Sunflowers, because they follow the sun. And what pretty dollies, little and big, you can make from them. My space is used, but I shall take up the same subject again. Your friend,

LaPark, Pa., Jan. 19, 1915. Geo. W. Park.

TUBEROUS PLANTS BLIGHTING.

OCCASIONALLY we hear of Gloxinias and Tuberous Begonias growing well until they begin to bloom, then becoming sickly and the buds and foliage dropping off. This is mostly due to the use of a heavy, tenacious soil and the application of too much water. Gloxinias and Tuberous Begonias should be potted with the crown above the surface, and in soil that is very light and porous, and well provided with drainage. In watering do not water over the crown, provided it is concave, and it is well mostly to avoid wetting the foliage, especially in the evening or during damp weather. Keep the plants in a partially shaded situation, water thoroughly when you do water, and let the plant become almost dried out before applying water again. During a dry time in summer there is little danger of the soil being kept too moist, and it is beneficial at



GLOXINIA.

that time to place some sphagnum moss over the surface around the tubers, and if the pots are placed in a box with sphagnum moss around them, the atmosphere will be moistened, and rapid evaporation of the earth in the pots will be prevented. Tenacious clay soil, however, should be strictly avoided, as the plants will not thrive in such soil, especially if kept very moist. A compost of leaf mold, sand, and a little well-rotted manure, to which has been added some pulverized sphagnum moss, all thoroughly incorporated, makes a good mixture for these tuberous plants, as well as for Rex Begonias, which class of plants also will not thrive satisfactorily in a tenacious, wet soil.

Amaryllis.—There is considerable interest being taken in the large-flowered Hybrid Amaryllises, and many persons are inquiring about their culture. To all such inquiries I would commend the articles found in this number of the Magazine, giving the practical experience of those who are successful with these bulbs. These new hybrids bear enormous flowers of various colors, and are far superior to the old-fashioned Amaryllis Johnsoni. They should be given a place in preference to that species, where but a few of the bulbs can be cultivated.

Holly.—*Ilex opaca* is the Holly, an evergreen tree found in the Eastern and Southern States. It is hardy in Missouri. The foliage is evergreen, and with the scarlet berries is much used for Christmas decoration. The plants are easily raised from seeds, but the seeds do not germinate promptly. Even when fresh they require from four to six months to germinate. The trees are found as far north as Massachusetts.

PARISIAN WALLFLOWER.

THE Parisian Wallflowers, grown as annuals, were introduced some years ago by a floral firm in Paris, from which they take their name. They much resemble the Tree or Branching Wallflowers, and are readily started from seeds, which, if sown early in the spring, will produce plants that will bloom freely throughout the autumn. In a climate where the winters are not severe they will endure the cold weather, and bloom the following year. At the North, however, they are mostly grown as annuals. When grown in pots they can be placed in the window, where they will bloom during the winter, if the temperature is not too warm and dry. They like a rather moist, cool temperature. The flowers are of various colors, as yellow, red, and variegated. They are fragrant, and are produced in handsome spikes. As the buds form with the growth of the spikes, the flowers are developed continuously, and the plants bloom for a long time. They are among the choice flowers that should have a place in every collection. The accompanying engraving will give some idea of the appearance of the plant.



Scented Geraniums.—When a Scented Geranium fails year after year to bloom in a pot, bed it out in summer in a sunny situation, and water only when the ground becomes very dry. During the heated term mulch with stable litter. Many potted plants fail to bloom when kept for a long time in the same soil until the soil becomes charged with acid. By removing a portion of this soil and setting the plant out in a sunny situation where the air has free access, the plant will overcome its trouble, and begin blooming. There are few plants that do better in a sunny place outdoors than the Rose-scented, Walnut-scented and Balm-scented Geraniums. When thus bedded they not only bloom freely, but afford an abundance of growth convenient for summer bouquets and designs.

Hardy Moon Vine.—What is advertised as Hardy Moon Vine is *Ipomea Pandurata*, a creeping vine found in old fields and around brakes. The flowers are large, like a Morning Glory in shape, and are white with a violet throat. They open freely in the morning and close before mid-day. The roots are very deep in the ground and of immense size. When once planted it will take care of itself, growing and blooming year after year.

QUESTIONS AND ANSWERS.

Caladium.—Mr. Park: Is a Caladium tuber a panacea for disappointment?—Mrs. G., Martin, Pa.
 [Ans.—If you should take a bite of the raw bulb and chew it you would doubtless forget disappointment and everything else but the drawing and smarting of the astringent bulb. It's as bad as an Indian Turnip. In Japan, however, the tubers of *C. esculentum* are cooked and used as food.

Easter Cactus.—Mr. Park: I have an Easter Cactus five years old that keeps on growing, but never blooms. It was taken from a blooming Cactus. How shall I treat it?—Mrs. C. F. E., Ohio.

Ans.—To bloom well the Cactus needs a very sandy soil, a hot sunny situation, and to be given a rest once a year. To provide this rest many persons plunge their pots of Cactus in a bed outdoors in summer, where they will get but little water and all of the hot sun-rays. Here they will mature and be brought into condition for blooming. When a Cactus is grown in a rather tenacious, rich soil, with a surplus of pot room, they will grow freely, but often fail to bloom.

Weigela.—Mr. Park: I found around the roots of a Weigela which seemed dead after blooming in the spring, a number of little white ants, or what looked like ants. They had bored right through the bark and killed the plant. What treatment should have been given?—B. F. R., Terre Haute, Ind., Aug. 26, 1914.

Ans.—If the insects were ants it is possible they were there because of root-lice or some pest that did the injury. If a "borer" did the work the plant could have been saved by removing the pest before the injury was done. The orchardist is greatly troubled with borers, which are the larvæ of an insect, and the trees have to be examined several times a year, and the pests removed, in order to keep the orchard in good condition.

Name of Shrub.—Mr. Park: Will you please tell me the name of the hardy, evergreen shrub of which I enclose a branch. It grows from eight to ten feet high and blooms, but the flowers are not attractive. It makes a very pretty tree, however, and is much admired.—Mrs. A. W. A., Calif.

Ans.—The branch enclosed is evidently that of *Euonymus*, probably *Euonymus Japonicus*.

Varieties of this shrub bear foliage that is handsomely variegated, the center of the leaf being golden yellow and the margin green. This variegation is often lost in culture, as the plants have a tendency to revert to the original green color. The plants are hardy in Pennsylvania and even further North, and as the foliage is dense, rich green and beautiful, they are sometimes used for a hedge, for which they are highly prized. They are readily propagated by cuttings taken in early summer. The plants do not bloom at the North, but in the Southern States they not only bloom, but bear clusters of scarlet berries, which are quite ornamental.



Green Fly.—Mr. Park: What makes large green flies get upon my garden plants, and what shall I use to get rid of them?—Lillie D., Cincinnati, O., Oct. 1, 1914.

Ans.—Various kinds of aphids or green fly infest plants and trees outdoors when the weather is dry, and the plants in a sickly condition. To get rid of them spray with strong tobacco tea, soap suds or kerosene emulsion. Perhaps the best material to use, however, is lime-sulphur solution with tobacco tea, in the proportion of one part solution to 10 parts tea.

Wallflower.—Mr. Park: I enclose a spray of flowers for you to name. I raised several plants from seeds, and one bloomed throughout the winter in the yard, although frozen and covered by snow at times. I wish to raise more of them.—Mrs. T. Meeks, Hall, Tenn., April 1, 1914.

Ans.—The flowers sent were of Wallflower, probably the Parisian or annual sort, which blooms the first season. Wallflowers are popular in England, and should be better known in this country, as they are readily grown from seeds, and bloom almost continuously, while they are showy and deliciously fragrant. The colors range from yellow to crimson, with the intermediate variations.

Scabiosa.—Mr. Park: I would like to know the care of Scabiosa, Mourning Bride. Will it grow so far north as New Hampshire?—A. M. Smith, N. H.

Ans.—Scabiosa or Mourning Bride is an annual three feet high, with beautiful flowers on long stems. Sow in the garden when the Apple trees are in bloom, and transplant or thin out to six inches apart. The improved double sorts are much finer than the old-fashioned varieties, and come in many novel colors, as lavender, blue, maroon, rose, white, crimson, etc. A good mixture will show a great variety of colors. The plants grow and bloom even in Canada.

Wistaria and Clematis.—Mr. Park: Please tell me how to raise Wistaria and Clematis Jackmanii from seeds.—C. P. Hall, N. Y.

Ans.—Wistaria and Clematis Jackmanii are not difficult to raise from seeds, but the seeds are a long time in starting. Usually the Wistaria will start in from one to three months, but may require a longer period if the seeds are very dry. When dry, freezing will not affect them. Clematis Jackmanii requires from one to two or even three years to germinate. If the seeds are sown shortly after they ripen, or if not allowed to dry out, they will start promptly, say in two or three months, but when dried out, as they must necessarily be when purchased from the seedsman, the plants are not likely to appear until the second year after they are sown. Wistaria plants are lasting, and can be depended upon when once established. Clematis Jackmanii, however, is what the Englishman calls "miffy," that is, it is liable to wither and die at any time during the summer, or it may fail to start in the spring. As yet, the cause has not been determined. Some attribute the death of the plants to one thing, some to another, and no special remedy is known. Occasionally, however, vines of Clematis Jackmanii will live and bloom for many years, increasing in beauty as they increase in age.

ABOUT A SQUASH ENEMY.

LAST YEAR I wrote you to tell me how to get rid of the green worms that infest the Ornamental Gourds. You wrote me about certain insecticides which I tried, but failed to get results. Last year the worms ate all the fruit off of my vines, and in some places ate up the vines themselves. This year I had a little better success. I have been studying the worm in question, and find the following facts which may be of some use to you. Next year I will study it again, and report further to you on this discouraging insect.

The worm is the larva or intermediate stage of a moth. As near as I can find out this moth is nocturnal in its habits; that is, it does its flying about at night. This moth lays its eggs in the young bud of the flower preferably. If there are no flower buds it sometimes attacks the young, succulent ends. This especially happens in wet weather, when the vine is growing rapidly, and the sun is behind the clouds. The eggs in the flower-bud hatch as the flower opens or before, and the young worms feed on the honey of the flower until they grow some; then they eat the tender parts of the flower. By this time they are a fifth of an inch long, and strong enough to leave the destroyed flower and crawl upon the stem. Here they bore a hole into the stem some inches from the growing end, and eat their way towards the end, growing fatter and fatter as they bore. They also enter the young Gourd, and there eat up its contents, destroying it. After feasting on all the contents of a section of vine or Gourd they come out and re-enter another. By this time they can even enter a large sized Gourd. Here they may reach maturity, and turn into the pupa stage, and remain until they transform into a mature moth, to start their work of destruction over again.

This year I have been watching the flowers closely, and destroying as many young worms as possible, before they reach the size where they can crawl out and do harm. Where they had gotten into the stem I took a sharp knife and split the vine longitudinally, and removed the worm. This does not hurt the vine at all, if it is not cut transversely. I pinch off most all of the male flowers as they open. Mr. Park's idea about planting Squash vines with the Gourds is a good one, provided the worms are destroyed as they develop. The moth prefers the Squash vine to the Gourd. I am going to try this next season. In working with the female flowers take care not to injure them, because they are very delicate, and the Gourd will fall off if there is too much interference. Be careful to close them up if you open the buds, as rain seems to hurt them. I notice the flowers that face downward do better after a rain than the ones looking upward. I don't think we can safely place insecticides on the flowers, and will have to depend on mechanical interference rather than chemical.

Next year, as an experiment, I am going to plant some vines under a mosquito net and keep out the moth and note results. These worms do not bother the Gourds with white flowers, as they are too bitter for them. Please publish this letter in your Magazine, as it may awaken more interest in this most interesting group of plants. I would like to correspond with some of your readers, and see if we can't work out a remedy for the Gourd pest. I hope all of them will order from you a small package of Ornamental Gourd seeds, and help me study them. These fancy Gourds give the children lots of pleasure, and are beautiful on a trellis.

R. P. Burke.

Montgomery, Ala., Oct. 9, 1914.

Pothos aurea.—I was proud of my Pothos aurea vine, which I had trained near the glass of my large mirror, the pot standing upon a shelf beneath. But my pride had a fall when the pot tumbled from the shelf, having been pushed too near the edge. The vine and dish parted company, and my beautiful vine was a thing of the past. No tears were shed, but I cut the vine into several pieces and put it to root. It seems to be my luck if I have a pretty plant, something is sure to happen to it. Pothos aurea is a variegated, green and white, thick-leaved vine, not the variegated Hoya, though, as some think. I have both, but have never seen any besides the one I have.

Gaucha Co., O.

Ima.

Note.—Pothos aurea is an aroid, and the heart-shaped leaves are often five inches in diameter. It is planted out at the South, and I once saw a fine specimen draping the base of a big Palm that decorated the front yard of a residence in Tampa, Fla. At the North it must be grown as a pot plant.—Ed.]

How I Treat Amaryllis.—I pot my Amaryllis bulb about November 15, and keep it barely moist, and in a cool room until well started. I then place it in an east window, and apply slightly warm water more freely. After blooming in March, I keep it growing the same until there is no danger from frost, when I sink the pot in a shady place to let the plant mature and reproduce. In autumn I lift before frost and shake away all the soil, then dry off and store in a basket kept in a frost-proof place. I usually hang the basket to the joist, as we use a coal furnace. I think some Amaryllis are lost by sour soil, and I believe fresh potting is the antidote.

Mrs. Ada Bauman.

Pittsburg, Pa., Sept. 19, 1914.

Clematis Paniculata.—Much is said in the Magazine of the beauty of Clematis paniculata, and it deserves all that is said of it. Nothing has ever bothered mine except potato bugs, and they almost stripped the foliage from my pretty vine in one afternoon before I saw them. One spraying with the Paris green solution saved the remainder of the foliage.

Mrs. Eugene Keife.

Caldwell Co., Mo.

**RUELLIA, ERANTHEMUM AND
VINCA ROSEA.**

RUELLIA Makoyana is a charming winter-blooming plant that very few people grow because it is not better known. I have one that has bloomed the entire winter, and it shall never again be missing from my collection. It is one of the good things to add to the pleasure of a winter-blooming collection.

Another plant worthy of mention is the *Eranthemum pulchellum*, which gives great pleasure. It is sturdy and the flowers are of a lovely shade of blue. I have one blooming in my window amongst a few pots of Sweet Alyssum, and the effect is charming. Try it, all you friends who love artistic beauty.

Vinca rosea is an evergreen plant of such

COSMOS.

EACH SPRING I plant a packet of early Cosmos seeds in the house, and set the plants out when danger of frosts is past. It seems I had the most beautiful ones this last summer! There were so many shades of red, also pink. One bluish-white was the largest of all, measuring four inches across. I think they appear to better advantage if planted a distance from the house, as they grow so tall, almost like trees, if given good soil and plenty of water. Some were six and seven feet tall. They were much admired for their flowers and feathery green foliage. I gave great bunches of them to all who came, and yet there was always a fine display in the border. I had several large bouquets of them in the house long after the



BLOOMING PLANT OF RUELLIA MAKOYANA.

beauty and brilliancy that one should be added to every collection for winter blooming. It gives joy both winter and summer. Why not try it and add something unusual to your collection. Rose Buckley.

Taunton, Minn., Jan. 9, 1915.

Raising Pot Plants in Ohio.—In Ohio the best time to plant seeds like Gloxinias, Begonias, Cinerarias, Primroses, etc., is in May. They are not so apt to damp off as they are if planted earlier. Use a four-inch pot with a glass over the top until the seeds start. To water the plants by setting the pot in water until the soil is moist is as good a way as any. Woods earth suits almost all seeds. Chip dirt is also good to plant seeds in. I think the best place for seedlings is outside, and then not in the direct sun, as the plants grow thriftier. Mrs. Chas. Boltz.

Summit Co., Ohio.

heavy frosts of autumn had destroyed those in the garden. F. M. W.

Fulton Co., O., Jan. 25, 1915.

Balsam from Slips.—I wonder if the flower folks know that one can root slips of the Camellia-flowered Balsam in water? Last year I exchanged seeds with several people, and got a package of Balsam seeds, only a few of which came up, owing to heavy rains. About the middle of August I thought to try a slip in water, as we do the Zanzibar Balsam, and it soon developed a fine root system; but when I tried again in September not one would strike root. Now I shall try to have a package of the mixed seeds next year, and take slips from the finest of each color in August to have plants for my window garden.

Eleanor R. Bartlett.

Blue Earth Co., Minn., Oct. 29, 1914.



HYBRID CANNAS FOR BEDS AND POTS.

THERE IS no disputing the increasing popularity of the Canna, which scarcely more than a third of a century ago was not more ornamental than a stalk of corn, having small flowers of inferior quality. Canna Indica was imported from India in 1750, but since that time many species have been introduced from South America and the West Indies. It is from these that the marvelous flower of to-day originated. Canna Indica was once called Indian Shot, Corn Lily, Corn Geranium, and Indian Cane.

Start the tubers in a warm place, giving little water till growth commences. The new and American kinds are surprisingly beautiful. They may be successfully grown from seeds, and for the average amateur florist this will prove equally as satisfactory as from tubers. The seeds, which look much like black pills, have a hard outer shell, and should either be soaked in

hot water or filed on the end where the small tip is seen until they show light brown, taking care not to file through to the white, or they may rot. I file them and soak in water until the small white sprouts start, then I pot them in a flower-pot provided with good drainage, and filled two-thirds full of rotted cow manure, fine as earth. This earth is first heated hot and allowed to cool, in order to kill all insects and weed seeds. Over this I put a layer of sand, in which to plant the seeds two inches apart. The small plants soon appear and reach their tiny rootlets down into the rich substance beneath. They look very much like Corn when they first come up, and I derive much pleasure watching them unfold their tiny leaves and develop into pretty house plants. If planted in January or February they will be nice, thrifty plants to put out in May, and will bloom in August, often making finer plants than those grown from roots.

The Canna is a grss feeder, and needs heavy manuring and high culture when bedded out. No starvation diet will do. A five-inch layer of well rotted manure should be spaded in to the depth of a foot, and thoroughly incorporated with the soil. When rapid growth sets in apply water with a lavish hand, and as summer advances work a little fertilizer into the earth around them occasionally. To keep the plants growing and retain moisture apply a mulch of coarse stable litter. Their rich, massive tropical foliage and brilliant plume-like heads of bloom will richly repay for all your trouble.

After frost has killed the foliage the clumps may be lifted, the tops removed, and the roots wintered in a frost-proof place.

Bessie Palmer Snipe.

Sagadahoc Co., Maine.

[Note.—Without doubt the most attractive and beautiful Canna for either beds or pots is King Humbert. The foliage is bronze, the flowers rich carmine to scarlet, of huge size, and freely produced in fine big trusses. It blooms constantly, and delights in the hot sunshine. Give it a bed of deep, rich soil, mulch heavily when hot weather comes, and keep the soil drenched with water, and you will have a glorious bed of foliage and flowers. The plants should stand 15 or 18 inches apart. They grow about $4\frac{1}{2}$ feet high.—Ed.]

Arctotis Grandis.—I wonder if any of our flower-loving friends ever grow *Arctotis grandis*, or blue Daisy, as we sometimes call it. Its foliage is much like that of the old Dusty Miller in color, but the blossom is such a clean, nice flower, with almost a blue center. Then the stems are just right for bouquets, and the plants bloom well, enduring many late frosts. It really seemed that as fast as one flower was cut another took its place. I started the seeds in a cold frame in March. I think it a grand flower to use for bouquets, as the flower stem is so long, and its bright face is always smiling at you.

Suffolk Co., Mass. Mrs. F. G. Rhodes.

[Note.—*Arctotis breviscapa*, the older species, is brighter and handsomer in flower than *Arctotis grandis*. The color is a rich orange, and a few plants of it grouped together make a gorgeous display in the garden.—Ed.]

SUCCESS WITH AMARYLLIS.

I HAVE BEEN growing *Amaryllis* for twenty years, and have many fine bulbs that I have raised from seeds, as well as many of the older kinds. There are now in my window three large granite pans with from eight to twelve bulbs all in bloom. They range in color from the palest pink to brightest red. One pan of seedlings has every bloom a little different from the others. I find they are very easy to raise from seeds, and some of them bloom the second year. I should like to hear from some one who has the Empress of India.

I wonder if any of you would care to know how I manage *Amaryllis* bulbs. I find they do much better in granite stew-pots of good size (I get them at the 10-cent store), with a



AMARYLLIS FLOWERS.

good number of bulbs to each pan. I set them out in the back yard, under a big tree all summer, and water them every time they look dry, and they make a fine growth of foliage. In the fall they are all taken to the cellar and set on a long shelf near a south window.

Here they drop all their leaves as the days go by. I bring the first pans up about Thanksgiving. I water with warm water, and put them on the top of the china closet in the dining room. It is hot up there, and in from three to seven days the bud and leaves come up. They are left there until an inch high, then set on a window shelf in the kitchen until ready to bloom. Then others are brought up and put on the china closet. The first blooms are always with me for Christmas, and my window is never without them up till Easter. I let them bloom only in winter, and then I can force them, whenever I like. They will do well in any light window, with very little sun. We have gas, but it does not injure them, I have a big pan of *Amaryllis Johnsoni*. The flowers are dark red with a white stripe through each petal, and very fragrant; but they do not open wide, or stay so long in bloom, as the hybrids.

Morgan Co., Ill.

Mrs. P. W. Fox.

Nicotiana.—*Nicotiana affinis* is certainly a beautiful plant. The seeds are very fine, but germinate freely. It has withstood a severe drouth this summer, and at this writing, Oct. 24th, is still in full bloom and lovely. It is a great attraction for a night-flying moth which has a long bill like a humming-bird. It was planted in the open.

Kankakee Co., Ill. Mrs. Ernest Chapman.

GLADIOLUS.

OF COURSE many of the floral sisters have a few Gladiolus, but do you have three bushels of bulbs? That is what I had to set out last spring. John grumbled and growled, as he made the trenches with the hand-plow, making them wide enough to plant two rows of bulbs in. I set them three inches apart, then he covered them. They are very easily planted. The garden soil is sandy and moist, and soon they were up and growing and when they began to bloom, such a beautiful sight as they were! There were many shades and colors, some having two side-shoots, beside the large, tall flower stalk. I gathered them by the armful for bouquets



GLADIOLUS BLOOMS.

for friends. The flowers took the second premium at the Fair. I will tell you how I came to have so many bulbs. I save the tiny bulblets and plant each year, sowing them like planting Peas. In two years they are large enough to throw up a flower stalk. The bulbs were large and easily gathered and stored for the winter, and next year I will have even more to plant out, for I do love the beautiful bloom of the Gladiolus so much. Ima.

Geauga Co., O., Dec. 9, 1914.

King Humbert Cannas.—I will give my experience with Cannas. Late last spring a friend sent me a few roots of the King Humbert variety. I planted them pretty deep, gave them plenty of manure and plenty of water, and oh, such blooms! Why it does not pay to bother with the old kind. They commenced blooming early, and whenever they began to fade I took a sharp knife and cut the stem off pretty low down, and in a short time there was another shoot in bloom. A shrub that should be cultivated more largely is the Oleander. We planted a little one in the spring, and it is now nearly three feet tall and covered with pink blossoms. They can be wintered in the cellar.

Franklin Co., Pa. Mrs. Adam Heckman.

SEEDLING GERANIUMS.

SO MANY complain of seedling Geraniums not blooming. I think there is but one reason outside of having good soil and proper drainage, and that is they are given too much root room. Take salmon cans filled with a mixture of common clay and sand with a little well-rotted cow manure, to pot the plants in as soon as they come from the seedling box, and do not repot for six months. In such the plants simply delight because the soil does not dry out so rapidly, but remains moist and cool, the proper conditions for growth. I have had seedling Geraniums grow in pint cans that for profusion of bloom, and size and vigor of foliage, could equal any raised by a florist. If the Floral friends will try this mode of treatment their difficulties with non-blooming seedling Geraniums will be solved.

Wayne Co., Ind.



C. S.

Yard Flowers for the House.—

A hail storm destroyed my house-plants this summer, and I got some slips of dark red, yellow and pink Snapdragons from a friend's yard, and some small seedlings of single Petunias from another. My Smilax came up again from the root, and some of Park's hardy, ever-blooming Pinks raised from seeds were potted, and all are doing fine in my big south window, while I am nursing my old Geranium stubs back to life, and starting a few slips. I expect to start a lot of house plants from seeds in the spring, as I have built a small greenhouse, and seedlings are much cheaper than the grown plants.

S. M. Jones.

Siskiyou Co., Cal.

Oriental Poppy.—I have found a way to raise the Oriental Poppy. Plant the seeds in a shallow pan in May and do not allow the soil to get dry. Let the plants grow until fall, then give the soil a good soaking, tip them out, having a place prepared for them, and plant the dirt and plants altogether. Let them remain there till the next spring, when you will have all the plants you will care to transplant. Make sure that the ground is well-drained.

Summit Co., Ohio. Mrs. Charles Boltz.

Hyacinths.—Among the bulbs for the house, all are beautiful! beautiful! but to my mind the single Hyacinths are far ahead of all, and so little trouble to grow that you feel doubly repaid.

Mrs. Geo. Avery.

Androscoggin Co., Me., Nov. 4, 1914.

ENGLISH PRIMROSE.

TREATMENT OF EUCHARIS.

I AM SURE some of our friends will be glad to learn that the lovely English Primrose is perfectly hardy here in Minnesota. It grows about a foot high, branches freely, and in spring is just covered with canary-yellow flowers which are quite fragrant. It increases by roots running just under the surface, and coming up around the old plant. From three plants set out five years ago I now have a fine bed of them. I rake up a few leaves over them in the fall, and throw a few Tiger Lily tops on to keep the leaves from being blown off; and in the spring, when they are uncovered, they are green and ready to grow. Now, Mr. Park, I would like to know if there are other colors of Primroses as hardy,

I NOTICE a subscriber's complaint of failure with *Eucharis Amazonica*. That was my experience with that flower for several years. The hint as to their culture that started me on the road to success with one bulb came from your Magazine. You mentioned *Eucharis Amazonica* as a member of the *Amaryllis* family, and as I always succeed with *Amaryllis* by drying the bulb off completely from September 1st until a bud appears, I attempted the same treatment with my biggest *Eucharis*. It had been grown indoors, potted, for three years, then bedded out this summer, but without sign of bloom. September 1st it was taken indoors, removed from the soil and left in a cool, light part of



PLANT OF ENGLISH PRIMROSE.

and with the same habits of growth. If so, I can see myself becoming a Primrose crank.

Watonswan Co., Minn. Mrs. Inez Murphy.

Note.—There are many varieties of *Primula officinalis*, mostly known as *P. elatior*, some with orange and scarlet flowers, some with white flowers, and some with crimson or red or other colors. These all bear their flowers in clusters upon stems that push well above the foliage, the clusters often being compound. Another species is *Primula vulgaris*, which forms rosettes of foliage from which the numerous stems push up, each bearing a solitary flower. Varieties of this are known as *P. acaulis*. The species bears yellow flowers, but the varieties are white and blue and other shades. When in bloom these plants appear as a globular mass of flowers, the foliage being almost hidden from view. The new hybrids known as *Primula acaulis hybrida grandiflora* developed in France, are very superior Primulas, the flowers being not only of many colors, but very large and handsome.—Ed.

Balsam.—Balsams are among the easiest flowers grown from seeds. A large bed makes a magnificent display. A. H. McKellup. Williamsburg, Ky.

the cellar. October 1st, I noticed a tuft of greenish "petals" emerging—an unusual thing, since the leaves had always appeared singly. I potted the bulb immediately, leaving the entire neck exposed, and grew it in 70° to 75°. In less than three weeks the fifteen-inch stalk has one of its four blossoms open. So far the other bulbs have shown no inclination to respond to like treatment, and as I fear to keep them dry too long, I shall give them some water, but little, and trust that increased rations, later, of heat, water and light will bring a response in them. They seem to need a rest period, with distinctly different conditions, at some part of the year, and bloom after having had it. F. Gordon.

Hudson Co., N. J., Oct. 19, 1914.

Snails.—I grow Snails (*Medicago scutellata*), and we call them "Old Maid's Curls." They are easily grown and little curiosities. Milford, Ia. Mrs. M.

CARE OF SWEET PEAS.

A VERY BEAUTIFUL and ornamental vine is the Sweet Pea with its many shades of red, pink, white, purple and variegated flowers. No other plant shows to such a good advantage the care bestowed upon it, as does this annual. In order to have the best results it is necessary to start to work the fall before, enriching the soil and throwing it into a high ridge, so as to plant early in the spring. The blooming season is prolonged and the danger from drought avoided by planting in a trench several inches



deep, and covering about one inch. The trench should then be filled in as the vines grow. For late flowers the seeds must be planted later in the season. Keeping the flowers plucked prolongs the blooming season. In contrast to this plant is the Perennial Pea, which requires no cultivation whatever except a place to grow. Year after year the plant produces large clusters of pink bloom.

Hillsboro, Ohio. Katie M. Roads.

Japanese Morning Glory.—I have just read with much pleasure the in November Magazine, the article describing the wild Cucumber vine and the Japanese Hop vine, and write to tell the many readers of the beautiful Japanese Morning Glory, which is the best of all shade vines. The leaves are large and heart-shaped and hang down, over-lapping each other like the shingles on a roof. It forms a perfect screen. The blooms are abundant and are beautiful. They are like our Morning Glories, white and all shades of pink and blue.

Birmingham, Ala.

Mrs. E. K. T.

White Worms.—To get rid of the little white worms that get in my flower pots, I kill the little flies that gather on the outside of the pots. I have rid my flowers of the pest for several years in that way.

Mrs. J. G. Wenrich.

Johnson Co., Mo., Dec. 1, 1914.

COLEUS FROM SEEDS.

I WANT to tell all the flower-lovers who have never grown Coleus plants from seeds to try growing them this year. I plant the seeds the first of March, in a shallow box, and put a large pane of window glass over the box. This makes them germinate quickly. When the seedlings grow and become too thick, I thin out and transplant in small pots. When danger of frost is over I put them out in beds, and they have such an early start. Last year I put quite a number of them in large pots, and I think they were more beautiful than my Begonias. Mrs. M. Echols.

Marshall Co., Miss., Jan. 15, 1915.

[Note.—Coleus seeds start readily, and a good strain will yield exquisitely variegated plants, often more beautiful than many that are named and considered among the finest. The seeds are inexpensive, and a small packet will yield many plants that will indicate in some degree their beauty. These can be selected and cared for while the others can be discarded.—Ed.]



Scabiosa.—Among the flowers I loved in my childhood I remember the Scabiosa or Mourning Bride (as we then called them) with especial favor, because of the beautiful dark shades of maroon that were obtained in that flower. Last year I sowed a packet of seeds, and was truly surprised at the beautiful blossoms. There were the loveliest soft shades of lavender and blue and the same beautiful maroon shades of the old days; but the flowers—they were so large and double! I found that, like many other old varieties in annuals, the Scabiosa had been so improved by hybridizing and selection, that it was hardly to be recognized. The plants are of the easiest culture, and withstand quite severe weather in the autumn. Ella F. Flanders.



Chautauqua Co., N. Y.

Prayer Bean.—The little scarlet seeds of this vine are so pretty that I would like to raise some for fancy work, but have never succeeded in getting them to grow. How are they started? M. G.

Custer Co., Neb.

[Ans.—The seeds are very hard, and almost impervious to moisture. Pour hot water over them and let them soak for a week before planting. Keep the cup about the stove, where the water will be warm while the seeds are soaking. If the seeds show signs of sprouting before the week's end, take them out and plant in sandy soil keeping well moistened.—Ed.]

Nature's Flower Pots.—How many of our readers have ever seen any of nature's flower pots? Here in the mountains they are found in abundance—great hollow stumps filled with Ferns and flowers, while vines of many kinds trail gracefully over the side.

Rev. A. H. McKellup.

Williamsburg, Ky., Nov. 19, 1914.

THE MEDICINAL FLOWER GARDEN.

"Oh! mickle is the powerful grace that lies
In herbs, plants, stones, and their true qualities;
For naught so vile, that on the earth doth live,
But to the earth, some special good doth give,"

—Shakespeare.

AS THERE IS hardly a plant that grows which has not some medicinal qualities, it would require a book hundreds of times as large as this Magazine to enumerate the properties of each. Some plants, such as Digitalis, Adonis, Solanum, Datura, Aconitum, Cannabis, Veratrum, etc., while very beautiful as flowers, are poisonous when improperly taken. Otherwise, they are some of our most valuable drugs.

Being practically harmless, the following plants are not only objects of beauty, but are valuable in medicine as well: Eupatorium, white or purple, giant Ageratum-flowered plants, are much used as a strengthener, in colds, fever and ague, jaundice, dyspepsia, etc. Large doses cause vomiting. White Dogwood, Cornus Florida, bark is a tonic and stimulating. Gentian and Achillea are valuable tonics. The latter also acts upon the bladder, and corrects bowel disturbance. Carduus Benedictus is useful in dyspepsia, loss of appetite and fevers. Humulus, hops, Valerian root, and Catnip are all of use in quieting nervous excitement. Chelone and Matricaria expel worms, and are general tonics. The handsome Asclepias Tuberosa or Butterfly Flower has a great reputation in diseases of the chest and kidneys. It also causes sweating. Chestnut leaves are considered almost a specific for whooping cough. The berries, or any part, of the Blackberry plant is wonderfully corrective in diarrhoea. About the only medicinal use to which the beautiful annual Delphinium is put is the eradicating of certain minute animals which sometimes get in Willie's hair at school. Taken internally it is poisonous. All plants named may be grown from seeds, and are worthy of attention. The first-named kinds are absolutely harmless, unless swallowed.

Elmer G. Oberg.

Summit Co., O., Jan. 8, 1915.

Coleus from Seeds.—I have nine Coleus plants raised from seeds, and they are beauties—no two alike. One plant especially is a "whopper." It stands 22 inches high, and its leaves measure 11 3/4 inches from the axil to the tip, and 8 1/2 inches across, at the widest part. It is a mottled green and dark red with yellow veins, with a few dashes of bright red on the veins.

Mrs. Geo. M. Innes.

Pierce Co., Wash., Oct. 13, 1914.

Browallia Speciosa.—Those who are fond of blue flowers, will find the large-flowered Browallia speciosa a very satisfactory pot plant. It blooms freely and constantly, and is very showy.

M. G.

Otoe Co., Neb., Oct. 14, 1914.

HYACINTH BEAN.

LAST SPRING I bought some seeds of the Hyacinth Bean or Dolichos, and as I had never before seen this annual growing, I was surprised to see such lovely vines. I got my pay when they began to blossom, they were hanging all full of flowers of a fine lavender shaded into purple, until frost. I took a vine up and carried it indoors, and no vine was half as pretty as my Hyacinth Bean. People exclaim "Oh, where did you get your wonderful vine; give me a slip."



And not only the flowers are grand, for the leaves are large and reddish, and the pods are also red and pretty. I planted mine around a purple Lilac tree, and it ran all over the tree and hung in flowers and pods. It looked as though the Lilac was in blossom all the time. Try them around your Lilac tree this coming summer, and see if they are not great.

Lincoln Co., Me.

Mrs. Anna Benson.

Calendula.—In my childhood Calendulas were known as old-fashioned Marigolds, and not very much in favor on account of their indifferent shades of pale yellow. Now they are truly among the favorites, especially for the busy woman who wants a few varieties of flowers of easy culture. The new varieties are of large, robust form, and on single stems that make them ideal for decorative bouquets. They range all through the shades of yellow to deepest, darkest orange. The blooming season is a long one, as they withstand light frosts with impunity. Recently I was in a church where they were used for decorations, and they were truly charming. They are annuals easily grown from seeds.

Ella F. Flanders.

Chautauqua Co., N. Y., Oct. 29, 1914.

Chrysanthemums From Seeds.

—I bought one five cent packet of the seeds and raised ten different varieties and colors, some very odd ones, some very early, and some very large. They multiplied so I had to divide them. I gave to all who wanted any and threw some away. I had a lot of pleasure watching and attending to them, to see what they would be like. I am thinking of trying the same experiment next year.

Pittsylvania Co., Va. Mrs. J. T. Hundley.

Starting Rose Cuttings.—Rose cuttings grow very well by planting them in a hole six inches deep, and then putting a glass fruit jar over the cutting, packing the soil tight around the outside of the jar. I plant in October or November and do not remove the jar until May.

Mrs. Charles Boltz.

Summit Co., Ohio.



A NEW YEAR WISH.

A loving thought for every friend,
I hold this New Year Day,
May love and joy their path attend,
All year, dear Lord, I pray.

A special blessing for each one,
Of all that I have known—
Of friends a host, foes I have none,
Lord bless them from thy throne.

A loving wish for all the world,
For each and every one;
May the flag of peace yet be unfurled,
In the year that's just begun.
Jumping Branch, W. Va. E. Gracen Deeds.

MY BABY-HEART-TRUE.

I liken thee to a red, red Rose,—
Thy beauty is velvety-warm;
Thy lips have the crimson, thy eyes the soft light,
Thy wee face the power to charm.

And also, I call thee a Lily so fair—
Thou art so pure and so white;
The spiritual grace of the Lily is thine,
And perfect thou art in my sight.

Again, oh, Baby-Heart-True of mine,
I call thee my Violet bloom;
Thou hast the shy grace and the winning shy ways
Of that flower that hides from the noon.

Yet not all the Roses and Lilies on earth,
And the millions of Violets so blue,
Are worth one dear little, soft little kiss
From the lips of my Baby-Heart-True.
Danbury, Conn. Vera W. Payne-Rockwell.

MY VALENTINE OLD.

I found it today,
All glistening gold,
In a box, put away,
My Valentine old.

Just a heart of gold—
A silver wreath,
With blue Forget-me-nots
Scattered beneath.

I blushed as I did
The day it came,
As love for the sender
Is ever the same.

Sheffield, Mass. Esse M. Costello.

A FADED ROSE.

Today I found a faded Rose,
Hidden so safely away,
'Twas given me by dear old John
Thirty years ago today.

Then I was tall, with golden hair,
And now so bent and gray,
Tears fall upon the faded Rose
For thirty years today.

Geauga Co., Ohio.

Ima.

IN FEBRUARY.

The New Year with its pledge of hope had come,
E'er Santa reached, I trow, his polar home,
So fast Time flies; now February reigns,
While brown, bare Maples feel within their veins
The first, faint thrill of spring.

The housewife, ever mindful of their good,
Now wisely stitches for her merry brood;
Her needle deftly plying thro' the seams,
Unconsciously she weaves within her dreams,
Her rosy plans for spring.

Her good man as he rests from toiling, reads
"How Gardens Grow," and catalogues of seeds;
While brightly in the firelight's ruddy glow,
Such garden-visions flame, such Roses grow.
He sighs, and waits for spring.

We hear the singer tone her patient drill,
Her daily practicing of scale and trill;
And like the bird, pent in its cage too long,
She soon will flood the morning with her song,
When Easter comes with spring.

Brisk winter has its charms, its healthful sports,
Its fireside tales, its games of happy sorts;
But February, standing gray between
The winter holidays and April's green,
Hints hopefully of spring.

Cincinnati, O. M. E. VanZandt.

FANCIES.

If we could return from our last long rest.
And seek out the ones we loved the best,
Though not in a form to cause them fear,
Just gently to let them feel us near—

Would we come in the sound of the falling rain
Telling them gladly "We shall soon meet again"?
Would we come in the scent of the evening flow'rs,
Calling to mind past happy hours?
Would we come in the song of Mourning Dove,
Recalling to them our endless love?
Would we come in the silently falling snow,
With mem'ries of rosy cheeks long ago?
Would we come in the rainbow or sunset's hue,
Telling their hearts "Be true, be true"?

These are but fancies faint and dim,
For dare we question the wisdom of Him
Who gave us through death the victory sweet,
To be with our loved ones in joy complete?
Tehama Co., Cal. E. Y. Carter.

LONGING FOR SPRING.

I am weary of the snow-drifts,
And I'm tired of snow-clad hills,
I am longing for the spring time,
And the meadow's sparkling rills.

I am weary of the wintry days
I've been impris'ned so long,
I'm longing to see a Bluebird,
And to hear a Robin's song.

For I'm weary of the snow-drifts,
Of the ice, and cold, and gloom,
And I'm longing for the spring time,
When Violets and Bluebells bloom.
Lewistown, Mont. Mrs. Julia McWilliams.

WINTER.

The earth lies in her winding sheet,
So beautiful and white,
While safe in her bosom sleep the flow'rs,
Waiting for the light.
The chill winds blow, yet over all
Old Sol is shining bright.

Zinc, Ark.

Mary Babb.

A SUNFLOWER.

A Sunflower grew, one summer's day,
Beside a garden wall;
His smiling face and heart of grace
Attracted one and all.
He smiled and bowed the whole day long,
So noble and so tall,
His face so bright was a pleasant sight,
That guests began to call.

The first that came was a Honey-bee
So brown, with golden bands;
She'd traveled long, forgot her song
She thought in foreign lands.
The flower took her in his care,
And there she rested long,
When she went away, her heart was gay,
For she had found her song.

A gorgeous Butterfly came next,
And came in hasty need;
She was forlorn, her gown was torn,
And she was sad indeed.
The flower made her his own guest,
And there she stayed all day,
Her gown was bright and her spirits light
When she went on her way.



The next that came was a Humming-bird
With long and slender bill;
This tiny guest liked honey best,
And drank it through a quill.
The flower gave him food and rest
Before he went away.
To spend his hours in pleasant bowers
In honest work and play.

A Dahlia grew beside the wall,
And she was very pale;
She sobbed and sighed and often cried,
And told a woeful tale.
The Sunflower bent and took her hand,
And kissed her lovely head.
She dried her eyes and checked her sighs,
And blushed a rosy red.

With an angry buzz in his deep bass voice,
A Bumble-bee arrived;
It was not funny that of his honey
All day he'd been deprived.
The flower gave him of nectar sweet,
And rocked him fast asleep,
And in his dreams he felt the beams
Of friendship o'er him creep.

A traveller came along the road,
One more on him to call;
With cheerful face and winning grace
He bowed across the wall.
The traveller said, "You are a jewel,
With your bright and cheerful smile,
Each humble guest receives the best,
You cheer us many a mile."

The Sunflower stood beside the road,
So strong and brave and tall,
He'd cheery words for flowers and birds.
And helped them one and all.
We're thankful for that Sunflower gay,
That stood beside the wall,
The genial grace of a smiling face
Is helpful to us all.

Blair Co., Pa.

Ada M. Aiken.

UNA IN GOWN OF BLUE.

Blue and grey of the sky look down;
Shimmers the late sun through;
Watching its light past the blue hills' crown,
Una in gown of blue.

The very color of willow ware—
Ware of the long ago;
While a ribbon like it knots her hair,
And fastens the sleeves' wide flow.

Una, Una, that garden way,
With Larkspur and Flax-flower set,
Proffers a lure for my feet to stray,
Una, to win you yet.

Came I as moth with the even's dew,
Last year, Una, at night—
Came where the Flax-flower blossomed in blue;
Now has your gate swung tight.

Bachelor-button and willow-ware gown
Call to me with their blue;
Lift of the latch and the path adown,
Una, once more to you.

Cayuga Co., N. Y.

Cora A. Matson Dolson.

PRECIOUS MEMORY.

Oh, memory! dear old memory!
You hold the sweets of old,
And keep in store the treasures,
Dearer to me than gold.

All cares are then forgotten,
And sorrows swept away,
When memory fond allures me
To joys of a bygone day.

The scent of Lilacs wafted
Over many and many a year,
Have sweeter, richer perfume,
Than the flowers that now are here.

Oh memory! precious memory!
Bring back one shining beam
Of days that were like a poem,
And nights a cherished dream.

Oneida Co., N. Y.

Sophie K. Esley.

WINTER.

The days are cold and dreary,
And snow is falling fast;
Jack Frost is working quietly
In the cold and chilling blast.

He has killed all the lovely flowers,
And frozen the sweet green grass;
How he chills our hands and faces,
And the water he turns to glass.

He has made the trees stop growing,
And hushed the birds' sweet song,
He stopped the streamlets flowing,
Through all the winter long.

Enderlin, N. D.

Selma Schulz.

NIGELLA.

"Little maid with nut-brown hair,—
Laughing, sparkling eyes of blue,
Tell me what your name may be,
For of names there's quite a few?"
"I'm Nigella, don't you know?
But my name is Violet, too.

I'm Mamma's Johnny-jump-up,
And Papa's baby girl;
I'm little Mary's sister."
Then she tossed a nut-brown curl,
And through the open doorway
She ran with dimpling smile,
To play among the flowers,
The happy hours to while.



Nigella, oh, Nigella!
With eyes like violet's blue—
Love in a mist of shadows,
Like flowers bathed in dew.
To my heart enwrapped in gladness,
Your name is music sweet,
For I love my baby daughter,
From curl-ringed head to feet.

Nigella, oh, Nigella,
Yes, you are Violet, too,
And through the mists and shadows,
To you I will be true.
Whatever life may bring you,
If it be joy, or pain,
Or health, or wealth, or pleasure,
Your friend I will remain.
Livingston, Co., Mo. Eustatia Sefton.

MADRIGAL.

In the depth of the sea the precious pearl had birth;
In the floating mists, the sparkling drop of dew;
In the field of grass, the Violet's modest bloom,
And in my heart 'twas you.

In the princely crown the lustrous pearl has paled;
In the bright sun the dew has vaporized to the sky;
In the dainty vase the fragrant flow'rs have died,
And in thy heart 'twas I.
Arroyo Apolo, Cuba. Anita R. Kirksey.

THE BEAUTY OF NARDA.

Yea, she was beautiful, surpassing fair,
Most charming of the daughters of the land,
Great India's daughter, blossom tall and rare,
A slender Lily of the Ganges' strand.
The noble Rajah was her father. He
Was brave and generous, portly and discreet.
He loved his daughter to idolatry,
And lavished all his wealth at Narda's feet.
Then came the youth to whom she was betrothed,
From Bengal, noble as her worthy sire.
He stood, and in the sunlight golden-mothed,
She came, the Jasmine's kiss, the opal's fire,

'Neath the high columns, carved with myriad gods,
That smiled down, past the peacock-guarded
She moved like amber light 'mong Lily-rods, [screen,
The fairest maiden he had ever seen.
Beautiful as a Lotus 'neath the moon,
Her face was dark, save that her lips were red;
Her eyes like heaven, her body a true boon
To look at, and her ringlets sweet musk shed.
Her mantle rippled o'er the silver floor,
Like wind in summer rice-fields by the way.
She bent, her lover's hand touched, by the door,—
They were betrothed, it was their wedding day.

Among the blooming flowers the love-birds wooed,
Each one attentive to its chosen mate;
And doves by the white fountain bled and cooed,
A happy omen for their married state.
"And is her heart as perfect as her face?"
The young man then inquired. The Rajah spake,
And said, "Finds not the Lotus heavenly grace
By its heart excellence, where foul mires quake?"
My child is gentle, dutiful and meek—
Three virtues sought in choosing of a wife."
Her lover smiled and said, "'Tis well! I seek
No further—Narda I love more than life!"

*According to East Indian ways of thinking, the Lotus flower rising from the mud typifies the human soul rising, pure and untainted, from amid its sordid surroundings.

Baltimore, Md.

William Thompson.

TWO GARDENS.

One had a garden so very small,
Where ev'rything grew so rank and tall,
Yet scarcely a blossom lingered there—
Soon 'twas gathered by a hand so fair—
Gathered by that hand and carried away,
Into some home where an invalid lay.

The other had a garden of goodly space,
Where many a flower its beds did grace.
But none were carried to the sick, away,
Though they lay near by for many a day,
The breezes wafted their perfume sweet,
While the petals withered at their feet.

Who got real joy from these gardens twain—
The one who shared with those in pain;
Or the one who let her flowers die,
In sight of the suffering ones near by?
One her joy with others did share,
The other was selfish, and did not care.

But what will our Lord and Master say,
Of the flow'rs that bloomed and faded away,
Symbols of love, and types of Heaven—
All that were hers, and she had not given.
And how can such an one hope to be
Happy throughout all eternity.

Talent, Oreg.

Mary O. Carey.

GOD'S SWEET MESSENGERS.

As I paced in lonely musing, at my feet a Violet
sprung,
And above, in sudden carol, burst a bluebird into
song;
My sad heart was lifted straightway out of darkness
into light,
God's sweet messengers of sunshine set that heart
of mine alight—
Set my bitter fancies right.
Danbury, Conn. Vera W. Payne-Rockwell.

EVENING SHADOWS.

I knew not how I'd miss you,
When the evening shadows gray,
Folded silently around me,
Kissing sunlight from the day.
Had I known how very empty
All the world would be to me,
I ne'er could have coldly spoken
Heartless, unkind words to thee.

Now the stars have lost their luster,
Silvery moonbeams charm no more;
In my memory lives one picture—
Love recalls it o'er and o'er.
Just one longing in my heart, dear,
Just to see you, don't you know,
As I sit among the shadows,
In the lonely twilight's glow.

I recall the hurt expression,
And the backward glance that day,
When unjustly I accused you—
With harsh words drove you away;
I regret my cruel actions,
For to you alone I'm bound,
And I'm pining in the gloaming,
While gray shadows gather 'round.

Flowers blooming all about me,
Lose their perfume in the air;
I can not enjoy their beauty,
I can not their fragrance bear,
For tonight an endless desert
Spreads before me as I stray
Down among the haunted Roses,
In the twilight dim and gray.

I can hear the distant church bells—
'Tis to me a mournful lay;
Lost their music in the woodland,
Or on hills far, far away;
In my ear 'tis naught but sighing,
To my heart a sob-like sound,
Yet in days ago, 'twas music,
When the twilight gathered 'round.

Just one sound can thrill with rapture,
'Tis your voice I long to hear;
Just one breath to me is fragrance,
That is love's breath hovering near.
Just one smile to me is sunshine,
Just one soul in life I've found
That can banish every shadow,
When the twilight folds me 'round.

Chattanooga, Tenn. Blanche C. Patterson.

TWILIGHT.

I am sitting in the garden,
Just beside the Pansy bed,
At the dusky hour of twilight,
When the sky is gold and red.

I can see the new moon sailing
In the tender azure sky,
Like a silver jewel 'tis shining,
Far above the mountain high.

Now the gold and rose have faded,
And the western sky is pale;
And the glorious stars are gleaming,
Over hill and over dale.

And the moon her watch is keeping,
With the golden stars at night,
And my soul with joy is swelling,
At the wondrous, wondrous sight.

Altoona, Pa. Ada M. Aiken.

AT EVENTIDE.

Fair meadows, ever soft to youthful feet!
And here, the waves of traffic never beat;
Like Isaac, now I stray at eve's calm tide,
With peace, like fond Rebecca, at my side!
Shelbyville, Ind. Alonzo Rice.

WHY SHOULD WE BE PROUD.

The forest leaves must fade and leave the trees,
They scatter and are lost;
The flowers that gaily bloom in summer's breeze,
Must perish of the frost.
Our life is shortness and our pride but vain,
We die and pass away,
Like autumn leaves that slowly fall like rain,
And in the dust decay.
We blossom forth as flowers to wither but again,
E'en as the grass of summer fades;
Our days are full of sorrow, woe and pain,
And life, oft dark with evening shades.

Man lieth down and riseth not again from sleep
Which comes, and none can stay
The sleep of death, it comes no matter how we weep,
And rich and poor doth slay.
We all must go into the lowly grave,—
The youthful and the old,
The fair, the good, the afflicted and the gay,
Must slumber 'neath the mould;
The king, the priest, the mighty and the weak,
The guilty and the just,
The wise, the brave, the humble and the meek,
Must mingle in the dust.

For all the same are we, no matter what our birth,
To this same life we cling;
We tread on the same turf, then speed away from
Like birds upon the wing.
We scarcely know our friends we love most dear,
Till we bid them farewell,
They pass from sight, our days seem sad and drear,
When death dost sound their knell.
And soon we, too, may fall like waving grass,
Or wither as the flowers,
And gladly leave this world through which we pass,
To bloom in heavenly bowers.

Endertin, N. D.

Erick Schulz.

THE MOUNTAIN STREAM.

I know a clear stream where the wild flowers grow,
Where I've spent many hours in pleasure,
And how like a dream is the thought of that stream,
Half hidden by Flora's rich treasure.

In that lonely ravine on the steep mountain side,
Where Magnolia and Laurel bow together
To the noble White Ash and the weeping Spruce Pine,
I can scent the bright patches of Heather.

And I hear the wild bees hum in unison there,
See the Trailing Arbutus in flower,
Pick the Winter-green leaves and pretty green Ferns
Where sweet-scented shrubs form a bower.

There I watch the brown Thrushes and hear their
sweet song,
There the Hoot-owl calls loud in the gloaming,
And the leaves of the Oak whisper low in the breeze.
With the squirrels in its broad arms a-roaming.

Oh, carry me back to this mountain ravine,
Where the rocks jut out close by the stream;
Where the scenes of fair Nature to me are so dear,
And where life seems an unalloyed dream.

Astrall, East Tennessee Mts.

L. A. Daniel.

SOMETIME.

Had it been mine to fully trust
And lean on earthly love,
My wayward heart might soon forget
That better home above.

The smoking flax He will not quench,
The bruised reed not break;
He knows the cross, the strength, the crown—
I'll bear it for His sake.

I know not how, or when, or where,
But sometime He will come
And call the weary wanderer,
And I shall rest at home.
Montpelier, Vt. Mrs. A. J. Foster.

FLORAL NOTES.

Camellia.—Mr. Park: I have had wonderful success with the Oriental Camellia. The foliage is beautiful, and the magnificent flowers look as if they were made of wax. This is an excellent plant for parlor or window culture.

M. C. Mohon.

Siskiyou Co., Calif., Nov. 10, 1914.

Tulips.—Mr. Park: I have a bed of Tulips across my garden, and when in bloom it is gorgeous, and greatly admired. When the flowers fade a mass of *Portulaca*, known as Rose Moss, springs up from self-sown seeds, and is bright with many colors throughout the summer.

Mrs. Melvin Mathews.

Henry Co., O., Oct. 17, 1914.

Nemophila.—Mr. Park: I am partial to the small, dainty flowers, and one I love very much, and one that once started will self-sow its seed and come each year, is the beautiful little *Nemophila*. The seeds can be sown in autumn, and the plants will bloom early the following spring.

Mrs. Isbell.

Oconee Co., S. C., Oct. 14, 1914.

Dahlia.—Mr. Park: I will tell you of my success with Dahlia seeds. Many people do not know that Dahlias can be raised from seeds, and bloom the first year. I bought a packet last spring and the large number of beautiful colors would have cost several dollars had I bought tubers instead of seeds.

Mrs. M. Wilmouth.

Warren Co., O., Oct. 22, 1914.

Swainsonia.—Mr. Park: In the spring of 1914 I purchased a package of *Swainsonia* seeds, as I like to try something a little out of the ordinary each year, and watch their development from tiny seedlings to bud and flower, for my own gratification. After dividing the seeds with some of my plant friends, I had the satisfaction of seeing seven fine plants start into growth. They are lovely and I am more than pleased with them.

Mrs. L. F. Brown.

Waldo Co., Me., Oct. 20, 1914.

Sweet Peas.—Mr. Park: I planted my Sweet Peas as early as the weather would permit, in little trenches about three inches deep, in rows running north and south. After they were up higher than the trench I filled it up. This makes the roots deep in the ground; and such a mass of blooms! The vines are still blossoming. They grew about five feet high. They are certainly worthy of their name—"Sweet Pea."

F. N.

Luther, Mich., Oct. 10, 1914.

[Note.—Of late years the Sweet Pea has not been generally satisfactory, on account of plant lice that attack the vines. Where this trouble is experienced the rows should be mulched with chopped tobacco stems, and some tobacco stems should be wound into the meshes of the wire trellis. This will not only prevent an attack of the pest, but tend to enrich the soil and keep it moist. It will ensure success where failure would otherwise occur.—Ed.]

Allamanda.—Mr. Park: I wish the sisters could see the beautiful plants of *Allamanda* that grow here. They are great bushes just loaded every day since May with gorgeous yellow flowers, and are still full of bloom.

Mrs. J. B. O'Rea.

De Soto Co., Fla., Nov. 4, 1914.

Chrysanthemums.—Mr. Park: Why don't you say more about the *Chrysanthemums*? for surely there is no flower any prettier than they, and so easy to grow. I just wish the sisters could see mine right now, for I have about a dozen different colors in full bloom.

Mrs. Carleton Gibbs.

Point Harbor, N. C., Nov. 16, 1914.

Ricinus.—Mr. Park: I raised some plants of *Ricinus* or Castor Oil Bean this year, and they are splendid. They grew rapidly, and are so large that people ask, "Did that grow just this year?" They are so tropical looking that it seems they ought to be down South, in a warmer climate.

King Co., Wash.

Mrs. W. Newall.

Morning Glories.—Mr. Park: I do so want to tell you how I raised Morning Glories this year. I sowed the seeds in shallow trenches three inches deep, and each trench 24 feet long and a foot apart, until I had eight rows of them. These I planted about May 10th, and hoed them every week till they blossomed. I gave them no support, and the ground was soon a solid mat of vines and blossoms, and such lovely morning sights as they did present! I sow with a generous hand and weed or thin out accordingly. I saved about two quarts of seeds this fall. The flowers were of all shades and colors.

Golden Valley Co., N. D. Edith W. Mellis.

Portulaca.—Mr. Park: Last year I had boxes and pans and a tub of *Portulaca*, and the seeds fell and the rains carried them all over the yard. It was a lovely sight this year to see the little blooms all over the grass. They take the place of weeds, and look much better, I think. Every one admired the *Portulaca* so much.

Mrs. L. A. McDonald.

Calendula.—Mr. Park: I wonder how many of the flower-loving friends have grown *Calendulas*. They are the easiest flowers to grow that I know of, and there are so many different kinds, too. I had one that was almost white with a beautiful shade of pink at the edge of the leaf. I know of no flower that will



compare with them for blooming late in the fall. It is now the last of October, and I have on my table a large bouquet of them, as fresh and bright as flowers of spring-time, notwithstanding the fact that we have had weather so cold it has frozen ice 1-4 inch thick for several nights.

Mrs. C. C. Armer.

Saratoga Co., N. Y., Oct. 31, 1914.

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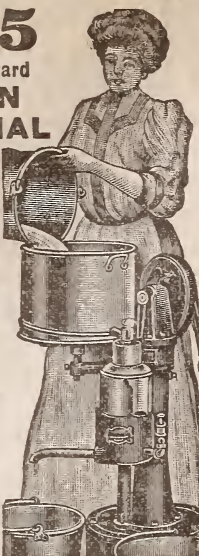
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WINTER.

The cruel Frost came as a thief in the night, [blight;
And the flowers fell withered and brown 'neath his
Now the cold winds whistle, the dead leaves play,
And the songbirds of summer have all flown away.
Pueblo, Col. Mrs. R.

CHILDREN'S CORNER.

Dear Mr. Park:—I am a little boy nine years old and I have a little barn that I built. I raise all our hens and take care of them. We have about 40 hens. Last summer we had Asters and Geraniums and a few others.

Shelburne, Vt.

Gordon Sanden.

Dear Mr. Park:—I have a bantam named Saty and a Canary bird too. I live on a farm of 60 acres. I have a brother 15 years old who plays the violin. I take lessons on the violin and piano.

Verna Grady,

Union Springs, N. Y., Dec. 12, 1914.

Dear Mr. Park:—I am 9 years old, and as I like your Magazine I thought I would write to you. I planted my bulbs some time ago and expect to have fine flowers in the spring. My dog is named Maude.

Mayse Beezley.

Steeleville, Mo., Dec. 12, 1914.

Dear Mr. Park:—I am a little girl 11 years old and in the sixth grade at school. I live in town, three blocks from the schoolhouse. Mother has been taking your Magazine for some time and we enjoy it very much. We have quite a number of flowers and bulb plants.

Fayette, Mo., Dec. 10, 1914. Marion Kaufman.

Dear Mr. Park:—I am 9 years old and live in town. I am in the fourth grade at school. My mother has taken your Magazine for a long time. I have a flower garden of my own.

Hilda Semaster.

Martinsburg, W. Va., Dec. 12, 1914.

Dear Mr. Park:—I enjoy the poetry and children's letters very much. I live in the city and am 12 years old. I have a pet dog named Trixis and one pet chicken. I love flowers. My favorite is the Tea Rose.

Pauline Guth,

St. Louis, Mo., Dec. 13, 1914.

Dear Mr. Park:—My mamma has taken your Magazine for 14 years. I am 7 years old and go to school every day. We live on a farm three miles from town. I have a pet squirrel named Dick. We have many flowers and are very fond of them.

Dorothy Marie Bader.

Flagstaff, Ariz., Dec. 20, 1914.

Dear Mr. Park:—I am a farm girl 10 years old and live beside a big lake. I have a chicken for a pet. Her name is "Dolly Dalrymple." She is quite tame. I love horses and dogs, and also like flowers very much.

Mellen, Wis., Dec. 23, 1914.

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GORDON-VAN TINE CO., 5651 Case St., Davenport, Ia.
(BUSINESS ORIGINALLY ESTABLISHED 1868—51 YEARS)

CORRESPONDENCE.

From Oklahoma.—Mr. Park: It is true we have a hot, rather dry climate in Oklahoma, but with ordinary care one need not lack for flowers. An article in October Magazine says Roses would not do well, and neither would Violets. Today, November 2nd, I gathered a suit-box of magnificent Roses for a friend, including La France, My Maryland, White and Pink Cochet, General McArthur, Meteor, etc. Violets we plant in our parkings, and even the school children cannot keep them picked. In addition I have in bloom today Cosmos, Snapdragons, Vinca, Clove Pinks, Zinnias, Dahlias, Mignonette, Tuberoses, and gorgeous Chrysanthemums. What more could one ask of a climate? Please credit this section of Oklahoma with being able to grow something other than Yucca and Cacti.

Mrs. J. H. Gordon.

Pittsburg Co., Okla., Nov. 2, 1914.

From Vermont.—Poor Ima! I know just how to sympathize with you when your friend said: "The flowers look small, and I guess will not amount to much." I should have felt just like carrying that Hyacinth home. I've tried to tell you all, how so many people will not appreciate anything, no matter what you do for them, and I knew what I was talking about. I always give to everybody till my John would say, "Now, Sally, you shall not give that plant away after you have it ready to bloom. You've taken a good many steps to get it that big, and we will keep it and have the benefit of it now." So if I gave it away I had to do it on the sly. I've often wondered which my John took the most comfort with—my posies or his pipe (?) for he dearly loves his pipe, I tell you. Anyway, every fall he goes into the woods and gets me the best dirt he can find, to set my posies in when they out-grow the pots they are in, and to sow seeds in when spring comes and everything is frozen so he cannot get dirt, and there are precious few men who like plants well enough to do that for their wives. Now, am I not right about it? Aunt Sally.

Caledonia, Vt., Sept. 5, 1914.

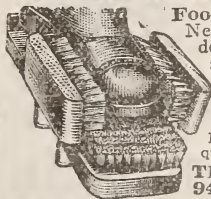
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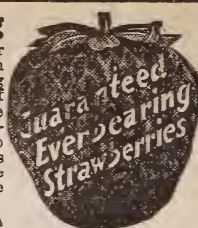
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THE PANSY COLORS.

You ask me from whence the Pansy came?
Now this I'll tell to you:
The angels came and painted them,
When the world was bright and new.

They dipped their brush in the sunset's gold,
And fashioned the colors gay;
They've painted until the world's grown old,
And they're painting new shades today.
Ben Lomond, Cal. Oct. 10, 1914. Mrs. Mason.

TO SAVE FRUIT FROM BIRDS.

I want to tell the Strawberry growers how I saved my berries this year from birds. They have every year picked into and spoiled all the best berries even before they were ripe enough to pick. Knowing their fear of snakes I followed the advice I saw in a gardening paper and put short lengths of old rubber garden hose in the beds where the foliage was not too thick, so they could see them, and it saved my berries. Why could not the same idea be used to save Cherries and Currants? I think I will try it next year.
Orange Co., Vt. M. E. R.

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There's big and quick money in Strawberries and in all Berry Plants. You don't have to wait long years to reap your harvest. We are headquarters for Summer and Fall Bearing Strawberry Plants, Raspberries, Blackberries, Gooseberries, Currants, Grapes, Fruit Trees, Roses, Ornamental Shrubs, Eggs for Hatching, Crates, Baskets, Seed Potatoes, etc. Best varieties at the lowest prices. 32 years' experience. Our free catalogue contains valuable information. Write today.

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Celery, Winter Giant	Flower Seeds, 500 sorts mix.
Cucumber, Family Favorite	Summer Crookneck Squash
Lettuce, Bell's Prize Head	Giant Thick Leaf Spinach
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Onion, Prizebreaker	Elite Dwarf Nasturtium
Parsnip, White Sugar	Triple Curled Parsley

Money Saving Catalog and coupon for 10c—good on 25c order—free. Number of collections limited—send for yours today.
J. J. BELL SEED COMPANY. Deposit, N. Y.

CHILDREN'S CORNER.

Dear Mr. Park:—I am a little girl 9 years old and I have not had much schooling as I live pretty far from our school, and I can go only when the weather is nice. My mother takes your Magazine and I enjoy the Children's Corner very much. I have no pets but my dog and my little brother, and he is five years old.

Mr. Park, all the soil around our house and barn is full of white worms and little white things that run and skip so fast you can hardly catch them. Now, what can we do to rid the soil of them? They are ruining all our pot plants and we cannot find any soil that is not full of them.

Edna M. Brauntz.

Campbell Co., Ky., Dec. 24, 1914.

Answer.—Apply a liberal dressing of quick-lime and stir it into the soil. When spring comes get tobacco stems at the cigar factory and scatter over the ground. To get the stems to lie close to the ground you can chop them up. Both of these remedies will enrich the soil and bring it into good condition for the growth of things. The tobacco, if liberally applied, would perhaps be a remedy alone, as it is a rank poison and will destroy the life of everything except a man, and it frequently takes his life, if he keeps at it long enough.

Dear Mr. Park:—I am a girl twelve years old and live in a little town. We have a cow named Jewel and my dog's name is Riley. Mamma takes your Magazine and we all like flowers.

Gertrude Jeffries.

Hurdland, Mo., Dec. 15, 1914.

Dear Mr. Park:—I am a little boy six years old and I have a little sister five years old. We have 24 pet rabbits, 8 guinea pigs and six bantams. I gather their eggs and we eat them. I like to gather flowers and I like the letters in your Magazine.

Dallas Dale.

Ivining, Okla., Dec. 14, 1914.

Dear Mr. Park.—It has been cold and gloomy down here for two or three days, and this morning when I woke up I noticed the ground was white with snow about 8 inches deep. My mamma reads your paper and I enjoy the children's letters.

Francis E. Jones.

Cartersville, Ga., Dec. 13, 1914.

Dear Mr. Park:—I am a little girl ten years old and live on a 40-acre farm. We have four horses, one colt, two cows and two calves. We had good corn this year, it making about 70 bushels to the acre. We have quite a few house plants. I am in the fourth grade at school.

Harlan, Ia., Dec. 11, 1914. Margaret Ramsey.

Dear Mr. Park:—I am 13 years old and live on a farm of 40 acres. My mother has taken your Magazine four years and we like it very much. Twenty years ago my mother had a pure white Fuchsia, but she lost it and has not been able to obtain one since. Where can one be obtained?

Estella Brown

Ridgefield, Wash., Dec. 20, 1914

Dear Mr. Park:—I am a little country girl 12 years old, and we have many flowers. I have a little dog named Beulah. I go to school and am in the fifth grade.

Janet Pridgen.

Creek, N. C., Jan. 1, 1915.

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of Flower




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1 Pkt. Asters, McGregor's Mixture
1 Pkt. Fancy Pansies, Gorgeous
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Send 10c to pay packing, postage, etc., and we will mail these 10 pkts. selected seeds with full instructions, in a 20c rebate envelope which gives you more than the seed..... **FREE**

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CARROT, Perfect, Half-long, best table sort.
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CUCUMBER, Family Favorite, fine for family use.
LETTUCE, May King, tender, popular heads.
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WATERMELON, Deposit Early, earliest, sweetest.
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RADISH, White Icicle, best, early, long, tender.
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Catalog and 10c check free.

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20 packets Grand Large Flowering Sweet Peas, 10 cts.

20 Packets Seeds 10c

We want every reader to test our superior "HARRIS SEEDS THAT HUSTLE." Send 10c. now—before you forget—for this mammoth collection. We send you 20 separate packets finest varieties—one each of Beets, Chard, Cabbage, Celery, Cucurbit, Lettuce, Cress, Muskmelon, Watermelon, Onion, Parsley, Parsnip, Radish, Salsify, Spinach, Tomato, Turnip; also packet each of finest poppies and cosmos; also Children's Botanical Garden, a collection of flower seeds. With this collection we will send rebate check for 10c. and our big free catalog of world's finest seeds.

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CORRESPONDENCE.

From Texas.—Mr. Park: Your little Magazine is a great source of pleasure in our home. It shall be with us as long as it is published. A great many readers from the northern States sent postage for Cotton seeds that I offered as a matter of kindness. It afforded me great pleasure to comply with their requests. I am no seed dealer or mail order lady, but if anybody else should want Cotton seeds, I will gladly send them some if they send postage. Northern people will find it interesting to plant a few Cotton seeds in their flower garden. The seeds should be planted half an inch deep, in late spring, as this plant likes warm weather and cannot be transplanted. Fertilizer of any kind may be used. The Cotton plant as a Southern field product gives us clothing, but also is a beautiful flower. In the morning its flower is white, early afternoon pink, and by sunset "fire-red." Let us all get acquainted with nature and be not so blind to what God has given us. Those live best who understand Nature.

Mrs. Paul Kautz.

624 W. Melba St., Dallas, Tex.

From Connecticut.—Dear Sisters: May I come in for a little chat? When I read "Harriet's" letter it brought a smile, for I, too, have run an exchange, but don't you think the "one" pays? I enjoy so much writing to the flower sisters, and have received some lovely flowers. And the "other four," let us hope, our flowers will do some good. I want to thank Mrs. Bedell for her letter in the January Magazine. I am glad I was



one of those who sent the stamped envelope. It is a great help to me, as I do not understand the care of Amaryllis, and have tried so hard to make them bloom. Perhaps I can help some of the sisters by telling my way of raising plants from very fine seeds. Take a rather large flower-pot saucer, fill with fine sifted soil, press down smooth, sprinkle the seeds on top, but do not cover; set this in a dish that will hold water, and keep water in it all of the time. The saucer being porous, will absorb water enough to keep the soil moist.

Mrs. R. G.

Hartford Co., Conn., Jan. 11, 1915.

From Washington.—Mr. Park: I wish to tell you about my white Lilac. I forced it last year, and again this year, by picking all the leaves off on Aug. 1st, and beginning to water freely. In two weeks buds were appearing, and in four weeks it was blooming. It does not injure the plant at all. My Night-blooming Cereus bloomed for the first time, this summer, but a lot of buds blighted. We were having work done on the house, and I moved the budded plant from an east window to the bay window on the west. Do you think that might have been the cause of the blighted buds, or do they often have more than the plant can sustain for blooming? The plant is about five feet tall and had something like three dozen buds. How beautiful is the wax like blossom, and how fragrant. The stem and blossom together was 13½ inches long, and the blossom was open seven inches. They are so beautiful, one wants to keep them longer than the few hours they are open.

Douglas Co., Wash.

Mrs. A. E. Schick.

Ans.—A flowering plant will sometimes lose its buds when transferred to a different situation. It is well not to disturb it, unless you understand its character. The flowers of night-blooming Cactuses can often be retained for several days, if kept continuously in a dark place.

How to Grow Fruit FREE

Write today for our book—more than a catalog. Tells what to plant in your locality, how to plant, trim and spray. Describes and pictures our immense stock of Apples, Cherries, Peaches, Pears, small fruits, etc.—all "Wood Quality" stock. Also our big stock of ornamental trees, shrubs and plants for beautifying your home grounds. We sell direct only—at about half agents' prices. We will send this book absolutely free. Not the biggest book, but one you can depend on. Don't fail to write for a copy—return mail brings it.

WOODLAWN NURSERIES, ALLEN L. WOOD, 519 CULVER ROAD, ROCHESTER, N. Y.

CORRESPONDENCE.

From California.—One of the most interesting plants I ever saw was the so-called Snow Plant. It was in Yosemite valley. It can only be found in the higher altitudes, over 5000 feet above sea level, altho there was no snow where I saw it. The flower is shaped somewhat like a very large Hyacinth. A very heavy spike, rather coarse flowers. The peculiar thing about it is its intense scarlet color. The flowers and leaves are both the color of a red handkerchief. The wild Azaleas also grow there along the river bank, and are very beautiful objects in summer. All Easterners coming to the big Fair next year, should by all means go to the Yosemite. They will never regret it. But the months of May and June are best to go in, as the waterfalls are then booming. But there are so many scenic attractions in this State, that even the native has to keep going all the time to get any idea of it. The trouble is that most Easterners visit the southern part of the State in preference to the northern and so do not gain a proper impression of what is here, as there is more to really see in scenery around the bay counties, than the southerner is willing to admit. The Easterner might not know it, but the first oranges to reach the East are those grown in the northern section of the great Sacramento Valley, about 150 miles north of here. Then we have on the eastern border of the State the great Sierra Nevada range of mountains where our great Big Trees grow and where there are so many mountain resorts such as Yosemite, Lake Tahoe, Kings River Canyon, Kern and Kaweah River Canyons, our new volcano "Lassen Peak" and the Calveras, Mariposa, General Grant and Sequoia Park groves of Big Trees. That is not all, however. The 1000 miles of seacoast also has its beautiful spots, as well as its valleys. Mt. Whitney, the highest peak in the United States, excluding Alaska, is in the Sierras and has an elevation of 14,501 feet. That is higher than many peaks of the Swiss Alps. Many Easterners confuse the trees of Sequoia species that they see around the coast with the real big trees of the Sierras. There are two species, however, the Sequoia Sempervirens, commonly called Redwoods which grow only along the coast, and are not so tall as the Sequoia Gigantea of the Sierras, which are found only at an elevation of 4000 feet and over. These are the two commonly known species. The Sequoia Gigantea are usually called Big Trees, and there are none of those along the coast, altho the grove of Redwoods (Sempervirens) at the Big Basin Park, Santa Cruz county, are generally called Big Trees, they are not the real Big Trees (Sequoia Gigantea), but the tallest of the Sempervirens type. That is where many people from the East make a mistake. They go over to Muir Woods in Marin county, 14 miles from San Francisco, and think those, also, are the real Big Trees of the Sierras, many of them being very large. The Sempervirens type are very enduring trees. In many places where they have been cut or burned over years ago, a second growth has started up, which in most cases is almost as fine as the original. F. C. McKinnie.

Oakland, Cal., Sept. 29, 1914.

From Ohio.—Mr. Park: In reading over the correspondence in your Magazine, I see that Mrs. Lenhart, of Washington, is bothered by hens scratching out her Pansies and asks for a way to stop them. Here is a way that will make all hens that scratch just walk right out of the Pansy bed and garden. Take a little stick six or seven inches long, with a hole in one end to put a string through, and then tie around the hens' knees. When she begins to scratch, the stick will run in the ground and make her walk right off the Pansy bed or garden. Hens are good to keep worms and bugs off of plants and can be let out when sticks are tied to their legs to keep them from scratching out the flowers.

Delta, Ohio. N. S. Griesinger.

From Iowa.—Mr. Park:—I thought I would write and tell you about my Boston Fern which I got from you thirteen years ago. It has been a beautiful thing for many years, having between thirty and forty fronds, some of which are six feet long.

Mrs. Nels. Johnson.

Kossuth Co., Ia., Nov. 12, 1914.



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- Beans** (Pole), Old Homestead, Lazy Wife, Creaseback, Golden Cluster, Scarlet Runner; also Speckled Cranberry. Per pkt, 5c, pint 20c, quart 35c.
- Beans** (Lima), Seibert's Early, Early Jersey, King of the Garden, Large White, Carolina, Sieva; also Burpee's Bush, Henderson's, Dreer's. 1 pkt, 5c, pt. 30c, qt. 45c.
- At the prices named these Beans will be delivered by mail. For larger quantities write for prices.**
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- Beet** (for stock), Golden Tankard, Mammoth Red, Vilmorin's Improved Sugar; also Norbiton Giant. Oz 5c, $\frac{1}{4}$ lb 12c, 1 lb 35c, mailed.
- Borecole**, Purple Cape, Large White French, Curled Green Dwarf. Per pkt, 5c, oz, 30c.
- Brussels Sprouts**, Dwarf Improved, Half Dwarf Paris Market. Per pkt, 5c, oz, 10c.
- Cabbage**, Early Jersey Wakefield, Early Spring, Dwarf Early Flat Dutch, Henderson's Early Summer, Early Winningstadt, Charleston Early Wakefield, All Head, Drumhead Savoy, Late Surehead, Late Flat Dutch; Late Danish Balthead, Autumn King, Late Red Drumhead. Per pkt, 5c, oz, 12c, $\frac{1}{4}$ lb 40c, 1 lb \$1.50.
- Carrot**, Scarlet Horn, Chantenay, Long Orange, Ox heart; also Danvers. Pkt, 5c, oz, 6c, $\frac{1}{4}$ lb 20c, 1 lb 75c.
- Cauliflower**, Early Snowball, Per pkt, 10c, oz, \$2.00. Veitch's Autumn. Pkt, 5c, oz, 50c.
- Celeriac**, Large Smooth Prague. Pkt, 5c, oz, 12c, $\frac{1}{4}$ lb 40c, 1 lb \$1.50.
- Celery**, White Plume, Pink Plume, Giant White Solid, Rose-ribbed Paris, Golden Heart, Giant Paschal; also Boston Market, Golden Self Blanching. Per pkt, 5c, oz, 20c, $\frac{1}{4}$ lb 60c, 1 lb \$2.60.
- Chervil**, curled, Per pkt, 5c, oz, 10c, 1 lb \$1.00.
- Chicory**, Large-rooted; leaves used as a salad; roots roasted and ground, largely used for a substitute for coffee. Pkt, 5c, oz, 10c, 1 lb \$1.00.
- Collards**, True Georgia; leaves cooked as substitute for Cabbage in the South. Pkt, 5c, oz, 10c, 1 lb \$1.00.
- Corn**, Early Giant, Country Gentleman, Improved Evergreen Sugar, New Golden Bantam, an early sort, thought by many to be the best early sweet Corn 2-oz. pkt. 5c, 1-2 pt. 12c, 1 pt. 20c, qt. 35c.
- Corn-Salad**, Large-leaved; grown in fall for winter and spring use as substitute for Lettuce. pkt 5c, oz 10c, 1 lb \$1.
- Cress**, curled, Used as salad. Pkt, 5c, oz, 10c, 1 lb \$1.00
- Cucumber**, Early White Spine, Jersey Pickle, Long Green, Early Cluster, West India Gherkins. Pkt, 5c, oz, 15c, $\frac{1}{4}$ lb 35c, 1 lb \$1.00.
- Dandelion**, Large-leaved French; used as early greens. Pkt, 5c, oz, 25c
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- Mushroom Spawn** (fresh), 1 lb. 20c, by mail; 8 lbs. \$1.00 expressed, not prepaid.
- Muskmelon**, Acme, Emerald Gem, Early Hackensack, Jenny Lind, Livingston's Tip Top, Rockyford; also Paul Rose, Long Island Beauty, Montreal Market, Per pkt, 5c, oz, 12c, $\frac{1}{4}$ lb 35c, 1 lb \$1.09.
- Mustard**, White London, Chinese Curled, Southern Giant Curled. For salads and garnishing when young. Pkt, 5c, oz, 8c, 1 lb 60c.
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- Okra**, Dwarf Prolific and Long Green; pods used for soups, stews, etc. Pkt, 5c, oz, 8c, 1 lb 50c.
- Onion**, Australian Brown, Wethersfield Red, Early Flat Red, Prize Taker, Silver Skin, White Portugal, Yellow Danvers, Southport Yellow Globe; also Early White Pearl, White Barletta. Pkt, 5c, oz, 20c, 1 lb \$2.25.
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- Peas**, Alaska, Bliss Everbearing, Abundance, Champion of England, Marrowfat, Tall Melting Sugar, Dwarf Melting Sugar; also Gradus or Prosperity, Nott's Excelsior, McLean's Little Gem, Telephone, Potlatch. Pkt, 5c, $\frac{1}{2}$ pint 15c, pint 25c, quart 40c.
- Pepper**, Columbus, Cayenne, Long Red, Long Yellow, Bell or Bull Nose, Ruby King, Chinese Giant, Cherry, Japan Cluster, Golden Dawn. Mixed, pkt, 5c, oz, 20c.
- Pop Corn**, White Rice, Mammoth White Rice, Golden Queen, Pearl, 2-oz. pkt. 5c, 1-2 pint 20c.
- Pumpkin**, Cheese, Connecticut Field; also Tennessee Sweet Potato, Mammoth Potiron. Pkt, 5c, oz, 8c, 1 lb 40c.
- Radish**, Early Long Scarlet, Early Scarlet Turnip, Long Scarlet White-tipped, French Breakfast, Golden Globe, White Strasburg, White Turnip, Long Cardinal, White Icicle, Chartier, California Mammoth White, Rose Winter; also White Chinese, Long Black Spanish. Pkt, 5c, oz, 8c, 1 lb 50c.
- Rhubarb or Pie Plant**, Victoria. Pkt, 5c, oz, 15c, 1 lb \$1.25
- Salsify**, Mammoth Sandwich Island. Pkt, 5c, oz, 12c, $\frac{1}{4}$ lb 30c, 1 lb \$1.00
- Spinach**, Long Standing, Prickly Seeded, Victoria; also Savoy-Leaved. Pkt, 5c, oz, 8c, 1 lb 35c.
- Squash**, Golden Summer Crookneck, Extra Early Bush, Delicata, Mammoth Chili, Hubbard, Fordhook; also Boston Marrow. Pkt, 5c, oz, 10c, $\frac{1}{4}$ lb 25c, 1 lb \$1.00.
- Tomato**, Atlantic Prize, Improved Beauty, Earliana, New Stone, Dwarf Stone, Ignomus, Ponderosa, Golden Queen, Golden Trophy, Pear-shaped Yellow, Semper-fructifera; also Matchless. Pkt, 5c, oz, 25c, $\frac{1}{4}$ lb 60c.
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- Watermelon**, Cole's Early, Phiney's Early, Early Fordhook, Mountain Sweet, Kolb's Gem, Preserving Citron, Sweet Heart, Kleckley's Sweet, Ice Cream, Florida Favorite. Pkt, 5c, oz, 8c, $\frac{1}{4}$ lb 25c.
- Herbs**, Anise, Large Green Sweet Basil, Bush Green Basil, Borage, Balm, Catnip, Coriander, Dill, Large Sweet Fennel, Horshound, Lavender, Pot Marjorum, Mustard, Rosemary, Winter Savory, Broad-leaved Sage, Summer Savory, Saffron, Tansy, Broad-leaved Thyme, French Summer Thyme, Tarragon, Wormwood. Pkt, 5c, oz, 25c. Special Mixture of Herbs, pkt, 5c, oz, 25c.
- Miscellaneous**.—Evergreen Broom Corn, 1 lb., 20c, mailed; 25 lbs. or more, by express, not prepaid, 7c, per lb. Sunflower Russian, 1 lb, 20c, mailed; 25 lbs. or more, by express, not prepaid, 7c, per lb. White Dutch Clover for bee pasture and lawns, oz, 6c, 1 lb, 50c.
- Park's Superior Lawn Grass**, the best of all lawn grass mixtures; makes a fine lawn the first season, and remains permanent. By mail, oz, 5c, 1 lb 30c; by express, not prepaid, peck (5 lbs.) \$1.25; bu, (20 lbs.) \$4.50. Five bushels will seed an acre, or a lb. will seed 500 square feet. For renovating a lawn sow half this quantity.
- Quassia Chips**, for Insecticide tea, mailed, per lb 20c.

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[Omitted Above.—Leek, Am. Flag, oz, 15c, pkt 5c. Water Cress, oz, 25c, pkt 5c.]

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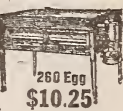
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CORRESPONDENCE.

From Illinois.—Dear Mr. Park: I thought I would write and tell you what a sad time I had with my flowers. Jack Frost stole every one of them. I couldn't eat a thing for some time, but after a while I picked up courage and thought—"Well, I have a few Hyacinths left in the cellar; I will bring them up and see what I can do with them." But lo and behold, when I went down to get them, the rats had got there before I did, and chewed their heads off. Then I was so discouraged I thought I could never look at a flower book as long as I lived. But it wasn't very long before I got the flower fever again, and wondered if Mr. Park had some kind of a plant that would stand cold weather. I would hardly know of anything unless it would be a Primrose. I think it can stand quite a bit of cold weather, for I had a daughter who sent for Primrose plants every fall; but the last ones we sent for we put on her grave.

Mrs. F. R.

McLean Co., Ill., Jan. 21, 1915.

[Note.—Petunias, Verbenas, the Kew Wallflowers, Kenilworth Ivy, Primula acaulis, Primula auricula, and Snapdragon will all endure some freezing. In cases of frost dip the plants in cold water till thawed, then keep in a dark, cool room for a couple of days, till they partially recover from the shock.—Ed.]

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CORRESPONDENCE.

From California.—Mr. Park: Having read in recent issues of your valuable Magazine articles from the pens of your subscribers, dealing with the flowers of their respective localities. I wish to add one more to the list, and tell of the flowers of the Golden State. California is blessed with multitudes of flowers of all kinds, but is especially rich in annuals, which make a dazzling display during the spring of the year. Some plants, though insignificant as specimens, will when growing in countless numbers produce a wonderful effect. Such is the *Eschscholtzia*, chosen as the State flower. This flower was named "Copa de Ors" by the early Spanish settlers, and it could not be more appropriately named, as its blossoms really resemble cups of gold. Another flower, *Baria gracilis*, commonly called "Sunshine," grows in such profusion as to produce an effect like a ray of sunshine striking the landscape. There are many other annuals, very pretty all of them, such as *Callas*, *Godetias*, *Cream Cups*, white *Forget-me-nots*, *Violas*, *Hollyhocks*, and others too numerous to mention.

California is especially rich in Lilies, over a dozen varieties being found. The *Humboldt Lily* is gorgeous, and grows all along the Sierra foothills. Its tall stems are graced with exceedingly beautiful golden Lilies spotted brown. The sight of thousands of these beautiful Lilies growing together on some mountain side is a sight never to be forgotten by any one who is a lover of the beautiful. A variety with lemon yellow flowers grows in the San Bernardino mountains in the south.

The *Calochorti* also claims kinship to the stately Lily. These were named *Mariposa Tulips* by the early Spanish settlers because the markings on their petals have a fanciful resemblance to those on a butterfly's wings. *Mariposa* signifies butterfly in the Spanish language. Until one has seen these floral treasures one can have no idea of the gorgeous coloring of its blossoms. Its blossoms are oculated in the most fantastic manner. The *Globe Tulips* are beautiful woodland plants. The globe-shaped flowers are airily poised on slender stems, and the petals are hairy inside. The children call them *Fairy Lanterns* and *Hair-bells*.

The *Brodiaeas* are little bulbous plants having a few grassy leaves near the ground, and very slender stems surmounted by a head of waxy flowers of great beauty. They are all very pretty in a way.

The western *Crown Imperials* or *Fritillarias* are stately Lily-like plants bearing many bell-shaped flowers on slender stems. In the southern part of the State they are known as *Mission-bells*. They grow in all colors, but the variety called *Fritillaria Lanceolata* is very odd, its blossoms being mottled green and brown. Still another pretty variety is *Fritillaria recurva*. Its flowers are a rich orange-scarlet color.

The *Erythronium* or *Dog's-tooth Violet* are charming woodland plants. Their beauty lies not alone in the pretty Lily-like blossoms, but in the beautiful spotted leaves.

Of all the beautiful California flowers, I think that the *Matilija Poppy* (*Romneya Coulteri*) deserves to be the queen. It's great white blossoms never lose their crinkles, as do other varieties of *Poppies*. It grows in abundance in the *Matilija* canyon, near the city of *Ventura*, but is by no means confined to that locality, as it is found growing in scattered localities all through the south. It is appreciated in Europe, where it is grown extensively in gardens. It is a shame that our flowers are not appreciated at home as they are abroad. We spend our good money for exotics, which are not suited to our climate, instead of planting those which nature has so generously placed at our disposal.

Before closing this short article I wish to add that I would like to hear from anyone interested in the wild flowers of California, especially those living in the foothills or mountain regions, hence I am giving my address. Any letter addressed to me will be cheerfully answered.

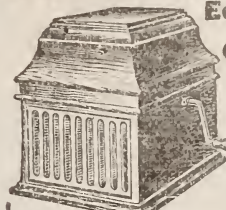
R. 1, Box 18, Hayward, Calif. A. J. Soares.

From New York.—Mr. Park: I wish you could see my plants. I have over a hundred dif-

ferent kinds and they are very thrifty and nice. I have *Cacti*, *Begonias*, *Acacia*, *Geraniums*, *Ferns*, *Palms*, *Farfugium* and a very large variegated *Aspidistra* 20 years old, and many others too numerous to mention. I also have a *Palm* 20 years old. I have some nice *Primroses* I raised last year from seeds, also four *Acacias*. I have always been a great lover of plants since a child, and always have good success with them.

Cattaraugus Co., N. Y. Mrs. Nora Brown.

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7 pkgs. beautiful post cards. Send for them at once. Address A. P. HART, 614 Chestnut Street, Philadelphia, Pa.

Splendid Gladiolus at a Bargain.

PERHAPS there is not another summer flower more popular than the improved Gladiolus. In a bed the plants stand erect, bloom freely for many weeks, are showy, and unequalled for cutting. Set the bulbs five inches deep and from six to eight inches apart, and as hot weather approaches mulch with stable litter. The result will surprise you if you have grown only the old-fashioned varieties. For **only 15 cents** I will mail Park's Floral Magazine for a year, and as a premium 10 bulbs of my fine strain of Gladiolus, in all colors and variegations.

206 Gladiolus Bulbs Free.

GET UP A CLUB.—For a club of 20 subscribers (\$3.00) I will mail the agent 200 Splendid Mixed Gladiolus and collection Lot A, 206 bulbs in all, and each subscriber paying 15 cents will get my Magazine a year and the ten premium Gladiolus. If you cannot get the 20 subscribers, I will send you 10 bulbs for each subscription you secure, and the subscriber will also get 10 bulbs. These bulbs when sent as a premium are prepaid by mail or express.

Gladiolus in Quantity.

If you want this fine mixture of Gladiolus in quantity, please avail yourself of the following special prices, bulbs sent by express, purchaser paying express charges:

500 Bulbs	only \$2.00.
1000 Bulbs	only \$3.50.
2000 Bulbs	only \$6.25.
3000 Bulbs	only \$9.00.

This splendid mixture embraces all colors from white to crimson, yellow and blue, and many show the most lovely variegation imaginable. They will produce the finest big spikes, showy in a bed, and exquisite for table bouquets, where they last for days, and every bud will develop. I guarantee these bulbs to please you. Order by the thousand, and plant a big bed. They are profitable to grow for cut flowers. Besides the collections offered upon the title page I also offer the following:



Superb Named Gladiolus, Lot A.

Lilly Lehman, white, thought by some to be the best of white Gladiolus; very fine ivory white, large flowers, good grower, the stalks about four feet; flowers expand wide open; highest awards where exhibited. Each 10 cents.

Halley, salmon-pink, extra large flowers; open all at the same time; a very fine and rare color; good grower; stalks three to four feet. This sort should be called Ne plus ultra; it is not surpassed. Each 5 cents.

Prinsepine, dazzling scarlet, distinct white blotch; flower large, wide open, beautiful; stalks two feet high, nice dark green foliage; called Amaryllis Gladiolus, 5 cents.

This splendid collection, Six Fine Bulbs, 25 cents. Larger Bulbs, 40 cents.

Kunderdi Glory, cream; broadly expanded, paired flowers, all facing the same way, borne on stiff stalks fully four feet high; 4 to 8 blooms open at once; petals exquisitely ruffled; cream with a crimson stripe; unique and very attractive, each 5 cents.

Golden West, brilliant orange, extra large, wide-open flowers; very neat little dark stripes give the highest attraction; three to four feet high; finest decoration for rooms or halls. Each 5 cents.

Baron J. Hulot, indigo blue; a grand novelty; the real rich blue so anxiously looked for; three to four feet; fully open flowers, showing lovely center. Each 5c.



PLANT OF
GLADIOLUS.

Rare and Choice Gladiolus.

I can also supply the following new and rare named varieties:

Willie Wigman, beautiful pale rose, with distinct crimson blotch on the lower petals, 10c each, \$1.00 per dozen.

Sulphur King, light yellow, very large, handsome flowers produced upon a long spike; splendid; each 10c, dozen \$1.00.

Niagara, immense open flowers upon a stiff, long spike; color yellow with rich rosy-carmine stripes and markings at the throat; very fine; each 10c, dozen \$1.00.

Empress of India, the latest; rich, royal purple; spike long and attractive; extra fine; 10c each, \$1.00 per dozen.

Europe, a grand novelty; flowers pure white, and of great size; spike tall, free-blooming. Each 20c, dozen \$2.00.

Liebesfeuer, beautiful, glowing scarlet in giant spikes; described by the introducer as undoubtedly the best scarlet Gladiolus. It is truly a glorious sort. Each 25 cents, dozen \$2.50.

Marie, a glorious new sort; huge, open rosy-carmine flowers on tall, showy spikes. One of the finest varieties yet introduced; Each 15c, dozen \$1.50.

Prinsep, flowers large scarlet with white markings. Each 10c, dozen \$1.00.

Heliotrope, rich violet with royal purple shadings; very fine; each 10c, \$1.00 doz.

Panama, dark pink, large, in long spikes; splendid; 10c each, dozen \$1.00.

Mrs. F. King, pink, 5c each, 50c doz.

Mr. Park:—I got 30 Gladiolus bulbs from you last spring, and every bulb threw up a fine spike of beautiful flowers, no two spikes alike. I was delighted with them.—Corda Hamblin, Richland Co., Ohio, Nov. 3, 1914.

FREE GRAND EASTER SURPRISE-PACKET

6	9	22	5				
20	8	15	21	10	1	14	4
4	15	12	12	1	18		
16	18	9	26	5	19		

WIN
A
PRIZE

Each one of these four lines of figures spells a word. This most interesting puzzle can be solved with a little study as follows: There are twenty-six letters in the alphabet and we have used figures in spelling the four words instead of letters. Letter A is number 1, B number 2, C number 3, etc., throughout the alphabet. IF YOU CAN SPELL OUT THESE FOUR WORDS WE

WILL SEND YOU A SURPRISE PACKET CONTAINING FIVE BEAUTIFUL GOLD EMBOSSED EASTER POST CARDS, ALSO A CERTIFICATE OF ENTRY in our GRAND \$5,000.00 PRIZE CONTEST. USE YOUR BRAINS. Try and make out the four words. ACT QUICKLY. Write the four words on a slip of paper, mail it immediately with your name and address, and you will promptly receive as your reward this SURPRISE PACKET, which is a handsome assortment of five beautifully colored Gold Embossed Easter post-cards, together with a copy of a New York Magazine, also a CERTIFICATE OF ENTRY in our GRAND \$5,000.00 PRIZE CONTEST which closes May 1st, 1915. Act promptly. This is your opportunity to enter this great contest in which we give away THREE AUTOMOBILES, PIANO, PHONOGRAPH, GOLD WATCHES, CASH PRIZES, etc. In case of a tie between two or more persons for any Prize, a Prize identical in character and value will be given each person so tied. TRY AND WIN.
E. E. WEST, Mgr., 649 West 43d St., Dept. 227 New York

PLANT NOW.

What may I plant in winter time.

What will grow now, I say?

The cool earth waits, the wind abates

To see what I plant today.

The summer flowers are dead and gone.

Their seeds have blown away.

The buds of fall have left us all;

But what will bloom today?

Now somewhere flowers thrive and bloom

To make the world more gay—

Look high and low for things that grow,

Plant something new today.

San Jose, Cal.

Howard Perry.

CHILDREN'S CORNER.

Dear Mr. Park:—I have just made a new sled and expect to have lots of fun coasting. The hillsides here are very steep and we have had about three inches of snow the last ten days. I go to school and like my teacher and playmates. I am in the third grade.

Herold Douglas.

Mansfield, Mo., Dec. 19, 1914.

Dear Mr. Park:—We are little girls aged seven and ten years old. We go to a country school and are in the third grade. We live on a farm of 700 acres. We have two little ponies named Turk and Queen. We are looking for old Santa Claus and wish you all a Merry Christmas and a Happy New Year.

Arline and Zelma Hammond

Lowry City, Mo., Dec. 23, 1914.

Dear Mr. Park:—I am a boy 15 years old and have taken your Magazine for two years. I meet the trains with my little wagon and haul baggage for travelers, three blocks for five cents. That is the way I got money to send for the Magazine. I do not raise many flowers as the climate here is too dry. Cosmos grows well, also Daisies and Sunflowers. We have fields full of Sunflowers and call them weeds. The white and green plant you call Snow-on-the-mountain is also a thrifty weed here and the milky juice of it is quite poisonous. I have a pet bantam rooster that will drink milk from a spoon. He sits on a chair-back when I let him and picks my shoulder and I feed him bread. I have a fox terrier dog and a set of harness for him, so he pulls the wagon nicely. I love birds and have some little wren nests in boxes up under the eaves of our summer kitchen. I have 40 white Homer pigeons, and sold ten squabs for ten cents each. With the dollar I bought a large Hydrangea for a real old lady 71 years old. This will be her Christmas present. How many will remember their aged friends? I think the aged come first in our extending kindness, and what is a more beautiful gift betokening Christ's love than a flower?

Earl Moore.

Salina, Kans., Dec. 20, 1914.

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Take advantage of our Special Offer to secure a Beacon Burner FREE. Write today. AGENTS WANTED.

HOME SUPPLY CO., 30 Home Bldg., Kansas City, Mo.

WIN A PRIZE

14	5	23	Can You Solve this Puzzle?				
9	4	5	1	19			

Each of these lines represents a word. We have used figures instead of letters in spelling these words. There are 26 letters in the alphabet. Letter A is 1, B is 2, C is 3, etc. Now see if you can make out the words and win this prize. Write the words on a slip of paper and send to us with 4c in stamps to cover postage. Say you will explain our offer and show our mdse. to your friends and we will send 12 USEFUL NOVELTIES and our Big Prize Offer. Don't miss this. THE NEW IDEAS CO., 25 New Ideas Bldg., Phila., Pa.

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Just send name and address. We'll send 24 packages Gold Eye Needles and 12 thimbles. Sell 2 packs for 10c giving thimble free. Return \$1.20 and we'll send 4 rings. Guaranteed 5 years. We trust you. KEYSTONE NOVELTY COMPANY
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We have made arrangements with a leading firm of New York City Fashion Designers and Publishers to supply readers of Park's Floral Magazine with high-grade, perfect-fitting, seam-allowing patterns. All patterns sent, postage prepaid by us and safe delivery guaranteed. Full instructions for use accompany each pattern. When ordering, write your name and address plainly, give number and size of each design desired and enclose 15 cents for each number and Park's Floral Magazine one year. If already a subscriber, or desiring more than one pattern, the price will be 10 cents for each pattern. Address all orders to Pattern Department, Park's Floral Magazine, La Park, Pa.



7001—Ladies' Shirt-waist, closing at the front and with either the long or short sleeves. Cut in sizes 34 to 44 inches bust measure.

7016—Girls' Dress, with the waist of serge and the skirt, which is in two gores, of velvet. Cut in sizes 6 to 14 years.

7003—Misses' and Small Women's Coat, in either of

two lengths and with the round or square outline. Cut in sizes 10 to 20 years.

6996—Girls' Dress, closing at the front and with either the long or short sleeves. Sizes 4 to 12 years.

7032—Ladies' Dressing Sack, which can be developed in any of the pretty figured materials with the collar and cuffs of plain material. Cut in sizes 34 to

44 inches bust measure.

7021—Ladies' Dress, with the yoke and sleeves in one. The skirt is cut in two pieces. Cut in sizes 34 to 44 inches bust measure.

7002—Ladies' Skirt, cut in two gores. The front gore can be either plaited or gathered. Cut in sizes 32 to 42 inches waist measure.

7006—Ladies' Four Gored Skirt, with high or regulation waist line and separate belt. Cut in sizes 22 to 32 inches waist measure.

6994—Ladies' House Dress, with removable collar and three gore skirt. Cut in sizes 34 to 44 inches bust measure.



7017—Ladies' Shirt-waist. The waist closes at the front and can be made with either the long or short sleeves. Cut in sizes 34 to 44 inches bust measure.

7034—Girls' Dress, with long or short sleeves and three gore skirt. Cut in sizes 6 to 14 years.

6995—Ladies' Apron, cut in one piece and with or without sleeves. Cut in sizes 36, 40 and 44 in. bust.

6998—Boys' Russian Suit, having straight or bloomer trousers. Cut in sizes 2, 4 and 6 years.

7011—Ladies' Shirt-waist, closing at the front and with neck high or low at the front. Cut in sizes 34

to 44 inches bust measure.

7007—Misses' Dress, developed in velvet and serge. The skirt is cut in two pieces. Cut in sizes 14 to 20 years.

7020—Boys' Shirt-waist Suit, waist with or without blouse and trousers finished with or without the fly. Cut in sizes 4 to 12 years.

7037—Girls' Coat, having circular skirt and two styles of sleeves. Cut in sizes 6 to 14 years.

6999—Ladies' Kimono or Bath Robe, with seam at the back. Cut in sizes 34 to 44 inches bust measure.

FASHION BOOK, IN COLORS, AND THE MAGAZINE, 15 CENTS.

As it is impossible for us to show each month in our Fashion Pages all the practical styles for Ladies', Misses' and Children's clothes, we have had published a book on dressmaking called **Every Woman Her Own Dressmaker**, which tells how to make all kinds of garments from a corset cover to a full costume. The regular published price of this book is 25c. Printed in colors and illustrates over 200 of the best styles. Sent prepaid with Park's Floral Magazine one year for 15 cents. Every woman who sews should order a copy of this excellent Fashion Book. Pattern Department, Park's Floral Magazine, La Park, Pa.



7088—Ladies' Dressing Sacque and Cap. The sacque is cut in one piece and so also is the cap. Cut in sizes 36, 40, and 44 inches bust measure.

7059—Boys' Russian dress with removable shield. Cut in sizes 1, 2 and 3 years.

7079—Ladies' Dress with long or short sleeves and two-piece skirt. Cut in sizes 34 to 44 inches bust measure.

7076—Children's Dress, opened on the shoulders and with gulfme having long or short sleeves. Cut in sizes 6, 8, 10 and 12 years.

7072—Ladies' Shirt-Waist with the raglan sleeves

in either the long or short length. Cut in sizes 34 to 44 inches bust measure.

7018—Ladies' Skirt in one or two pieces. Cut in sizes 22 to 32 inches waist measure.

7057—Ladies' Dress with either long or short sleeves and three gore skirt. Cut in sizes 34 to 44 inches bust measure.

7069—Misses' and Small Women's Skirt in one or two pieces. Cut in sizes 14, 16, 18 and 20 years.

7048—Ladies Apron to be developed in gingham, linen or percale. Cut in sizes 36 and 40 inches, bust measure.

CORRESPONDENCE.

From W. Virginia.—Mr. Editor: In a great many localities the wild flowers have become very scarce on account of the woodlands being cleared and cultivated. Even here, in the foothills of the Appalachians, some species have become somewhat rare where the country is rough and hilly, and no doubt they have become much scarcer in the more level localities. The Lady Slipper has become very scarce here, which I very much regret, as I consider it one of the most beautiful of wild flowers. The great flame-colored Azalia is also becoming very uncommon, as well as the great Laurel or Rhododendron, which was once very plentiful. Of course, on account of the roughness and poor quality of a great deal of the soil here, it will be a long time until all the wild flowers become extinct, if ever. Among the most common ones are the following: Spring Beauty, Bloodroot, Wild Anemone, Liverwort, Violets, and the various kinds of Wild Phlox. These and several others are fairly abundant yet, and it will undoubtedly be a long time before they become very scarce. Also, among the causes of some kinds being scarce is the allowing of cattle, sheep, etc., to run at large.

W. C. Mollett.

Wayne Co., W. Va., Jan. 26, 1915.

[Note.—The increased interest in Nature Studies is likely to deplete the number of both wild flowers and birds, as almost the first thing advocated is to make collections of plants for a garden or herbarium, and birds and eggs for the private museum. Near to cities and large towns the weekly gathering of wild flowers, mostly by Sunday excursionists, is making extinct many flowers that in earlier years were plentiful. It is only a matter of time until many flowers and birds will be known only in herbariums and museums, unless some measures are adopted to protect them from general destruction.—Ed.]

From Georgia.—Dear Mr. Park: I have been taking your dear Magazine for many years. It is a wonder of help. I've had great success with Dahlias and "Mums." Some time I will write and tell the Floral Folks all about my sunny Southern home. I thank you for all the good things I get out of your little book. I have for exchange Strawberry plants, "Mums" and Dahlia tubers, Violets, Ferns, Golden Glow, and Verbenas for crochet work, Begonias and Narcissus bulbs, and Pansy seeds. Write.

Again thanking you, and hoping for and wishing you a long, prosperous life, I am respectfully,
Mrs. M. E. Lovett.

Quitman, Ga., Jan. 17, 1915.

EXCHANGES.

Flower seeds, Dahlias, Lilacs, etc., for Geraniums, Cactuses, Dahlias, and house plants. Mrs. J. C. Simmons, Roanoke, Va.

Trumpet and Passion Vine seeds and Honeysuckle plants for vegetable seeds of any kind. Mrs. Emma Polk, New Madrid, Mo.

Dahlias and Canna roots, and Chrysanthemum plants for large Gourds. Write. Geo. M. Davies, Clinton, S. O. Seeds of Trumpet Vine, African Daisy, and Yellow Mums for hardy Lilies, other bulbs and perennials. Mrs. James Nielson, Montrose, Colo., R. 31, Box 130.

Mrs. Minnie Magers, R. 1, Shannon, Miss., wishes letters and cards from flower-lovers of California, New Mexico, and other States.

Bulbs for a Christmas Cactus. Write. Bert. Wallace, R. 2, New Castle, Pa.

Embroidery patterns, tatting, edging, etc., for Honeysuckle, Pinks, Mums, Lily of Valley, Boston Ivy, Wand Jew, and seeds. Zilla Nolen, Kereno, R. 3, Texas.

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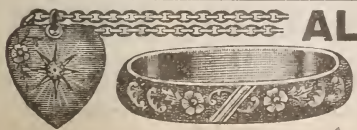


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Park's Floral Guide

The New Edition for 1915 contains truthful descriptions and illustrations of an immense collection of flowers, some of the illustrations being colored. It contains a germinating table, gives the pronunciation and syllabication of the hard floral names, and abounds with hints upon culture. It is unlike any other Catalogue and offers the largest collection of flower seeds in this country. If you can't get what you want from other seedsmen send to Park. He has nearly everything worth growing from seeds, and tells you by an illustration and description just what it is like. His Floral Guide is free for the asking. Or two copies printed on fine heavy paper sent for 3 cents, just enough to pay the postage. Get a friend to send with you and get the heavy paper edition, or write a postal for the popular edition. Address

GEO. W. PARK, La Park, Lancaster Co., Pa.

ART PICTURE FREE

Send name and address with 2c stamp for mailing expense and receive choice of large pictures: Rock of Ages, St. Cecilia, Last Supper, Christ and Peter, Fruit, The Angelus. Only one picture at this rate. H. STONE, 610 So. Dearborn Street, Dept. 316, Chicago.

Will pay Reliable Man or Woman \$12.50 to distribute 100 FREE pkgs. Perfumed Borax Soap Powder among friends. No money required. L. WARD COMPANY, 224 Institute Pl., Chicago.

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850,000 GRAPE VINES

69 varieties. Also Small Fruits, Trees, etc. Best rooted stock. Genuine, cheap. 3 sample vines—10c. Descriptive price list free. Lewis Roesch, Box C, Fredonia, N. Y.

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500,000 Peach Trees, 5 to 7 feet, 9c; 4 to 5 feet, 7c; 3 to 4 feet, 5c; 2 to 3 feet, 4c. 400,000 Apple Trees, 6 to 7 feet, 12c; 5 to 6 feet, 8c; 4 to 5 feet, 6c. 50,000 Pears, 45,000 Cherry, 30,000 Plum and thousands of small fruit plants. Secure varieties now, pay in spring. Buy from the man who has the goods and save disappointment. Catalogue free to everybody.

SHEERIN'S WHOLESALE NURSERIES

CORRESPONDENCE.

From Ohio.—Mr. Park: I once bought a white Wistaria which grew thriftily, seemed to be hardy, but never bloomed, although the purple Wistaria bloomed well. I have never yet seen a white one in bloom, not even in parks, where the purple Wistaria blooms freely. Is the Forsythia hardy in exposed places? Would a southern exposure be more suitable, and how should the weeping variety be trained up? As they bloom so early, when is the best time to set out? I am desirous of having a collection of Spireas and would like to know which of the tall kinds are suitable to group, also of the dwarf. Is Spirea aruncus a perennial? It is said to grow six feet tall, and I am anxious to obtain it. How far apart should these shrubs be set? Mrs. H. V. Pringle.

Cardington Co., Ohio, Jan. 25, 1915.

Answer.—The white Wistaria is hardy, but not generally as free blooming as the purple Wistaria. If the plants are propagated from free-blooming vines, however, they will be like their parent plant. Forsythia suspensa may be grown as a trellis or wall plant, the latter being preferable at the North. If grown on the east or north side of the house it will not develop so early in spring, and will be more likely to bloom freely. A little protection in a cold climate will be beneficial. In the distant North, however, it is better to grow the plant as a creeper, and protect it in winter from the severe winds, by throwing some nude brush over, removing early in spring. The greatest injury done to the flower buds is just when they begin to push in late winter. If frozen at that time they will not develop. The plants seem to be perfectly hardy, and their growth is not injured by frost. It would be better to give a northern exposure, as the north side of a hill or slope, than to give them a southern exposure. The plants can be transplanted either early in autumn or early in spring. Set them from 2 to 3 feet apart.

Spirea Van Houtte and Spirea prunifolia, both six feet high; Spirea Reevesii, four feet high; Spirea Callosa alba, and Spirea Anthony Waterer, two feet high, are all shrubby Spireas that can be tastefully grouped together. All bear white flowers, except Spirea Anthony Waterer, which bears rosy, crimson flowers. Both Callosa alba and Anthony Waterer bloom more or less throughout the season; the others are spring-blooming. Spirea Aruncus is a herbaceous perennial, and altogether different in character from the shrubby species. Other herbaceous species are Spirea palmata and Spirea Venusta, both growing six feet high, and blooming in summer and autumn. These herbaceous species can be mingled with the shrubby ones, and as they bloom later, they will continue the display throughout the season.

31 Seward St., Dansville, N. Y.

POST CARDS EXCHANGED.

Under this head I have inserted the names and addresses of persons who propose card exchanges—but many have complained that some do not respond. It is manifestly unfair and dishonest to propose an exchange and not respond to those who answer it.—Editor.

Walter E. Reynolds, Peekskill, N. Y.
Bertha A. Ackley, 2 Court House, Worcester, Mass.
Mrs. Amelia Waltersdorff, Westminster, Md.
Zachariah E. Steyer, Westminster, Md.
G. Washington Steyer, Westminster, Md.

EXCHANGES.

Geranium slips for Paeonies or bulbs of any kind.
Mrs. Florence O'Neil, St. Helena, Calif.

Bananas, Caladiums and Callas for Christmas Cactus, Night-blooming Cereus, and Pilocereus of blooming size. Chas. H. Wilson, Roope, Tenn.

Rhododendron, Laurel and other plants for Geraniums, Cannas, etc. A. H. McKellup, Williamsburg, Ky.
Hair switches from your combings for seeds, bulbs, etc. Write. Mrs. H. B. Hicks, R. 2, Milton, W. Va.

Oregon wild flowers and Ferns for wildlings from other States. Maud Sherman, Freewater, Oregon.

Chrysanthemums, Cannas and Rose cuttings for Begonias, Ferns, etc. Mrs. Nora Dean, Scottsboro, Ala.

Golden Honeysuckle, Per. Phlox, Ribbon Grass and Blue Flags for Tulips, Narcissus, Crocus, Hyacinths, etc. Mrs. Geo. E. Green, Scroll, N. C.

Seeds of annuals and perennials for Gladiolus bulbs and bulbets. W. E. Freitas, R. 1, Hayward, Cal.

Seedling Black Walnut trees or Bl. W. for planting for Paeonies. Send. Salome Somers, Denton, Md.

For Grey Hair

I Will Tell You Free How to Restore to Your Hair the Natural Color of Youth.

No Dyes or Other Harmful Method. Results in Four Days.

Let me send you free full information about a harmless liquid that will restore the natural color of your hair, no matter what your age nor the cause of your greyness. It is not a dye nor a stain. Its effects commence after 4 days use. I am a woman who became prematurely gray and old looking at 27, but a scientific friend told me of a simple method he had perfected after years of study. I followed his advice



Old and Gray at 27. Young and happy at 35. and in a short time my hair actually was the natural color of my girlish days. This method is entirely different from anything else I have ever seen or heard of. Its effect is lasting and it will not wash or rub off or stain the scalp. It is neither sticky nor greasy, its use cannot be detected; and it will restore the natural shade to any gray or faded hair, no matter how many things have failed. It succeeds perfectly with either sex and all ages.

Write me today giving your name and address plainly, stating whether lady or gentleman and enclose 2c stamp for return postage, and I will send you full particulars that will enable you to restore the natural color of youth to your hair, making it soft, natural and easily managed. Write today. Address Mrs. Mary K. Chapman, Suite 462 G. Bannigan Bldg., Providence, R. I.



No craving for tobacco in any form after the first dose.

Don't try to quit the tobacco habit unaided. It's a losing fight against heavy odds and means a serious shock to the nervous system. Let the tobacco habit quit YOU. It will quit you, if you will just take Tobacco Redeemer, according to directions, for two or three days. It is the most marvelously quick and thoroughly reliable remedy for the tobacco habit the world has ever known.

Not a Substitute

Tobacco Redeemer is absolutely harmless and contains no habit-forming drugs of any kind. It is in no sense a substitute for tobacco. After finishing the treatment you have absolutely no desire to use tobacco again or to continue the use of the remedy. It quiets the nerves, and will make you feel better in every way. It makes not a particle of difference how long you have been using tobacco, how much you use or in what form you use it—whether you smoke cigars, cigarettes, pipe, chew plug or fine cut or use snuff. Tobacco Redeemer will positively banish every trace of desire in from 48 to 72 hours. This we absolutely guarantee in every case or money refunded.

Write today for our free booklet showing the deadly effect of tobacco upon the human system and positive proof that Tobacco Redeemer will quickly free you of the habit.

NEWELL PHARMACAL COMPANY
Dept. 370 St. Louis, Mo.



Six Elegant Lace Curtains FREE TO LADIES

Send no money. Simply name and address. We will send you postpaid 12 boxes famous **White Cloverine Salve**, also 12 beautiful art pictures, 16 x 20 in. Give picture free with each box of **Cloverine** you sell, at 25c. Return the \$3 collected and we will send you six (three pair) magnificent Nottingham Lace Curtains, nearly 3 yds. long. You will be proud of them. Nothing equals **Cloverine** for Cuts, Eczema, Piles, Colds, Catarrh. Everyone buys when you show pictures. Write Today. Be first in your town.

THE WILSON CHEMICAL CO.
DEPT. NO. 303, TYRONE, PA.

GYPSY Fortune Teller And Dream Book

Know thy future. Will you be successful in Love, Marriage, Health, Wealth, and Business. Tells fortunes by all methods. cards, palmistry, tea cup, zodiac, ogy, etc. Gives lucky and unlucky days. Interprets dreams. A large book by mail for TEN CENTS.

Earn money telling fortunes.
ROYAL PUB. CO., Dept. 33, So. Norwalk, Conn.



SUPERFLUOUS HAIR

Let Me Prove That I Can Rid You of it Quickly, Easily, Without Pain or Injury

Free Coupon Below Brings You My Help.



"From deep despair to joyful satisfaction was the change in my feelings when I found an easy method to cure a distressingly bad growth of Superfluous Hair, after many failures and repeated disappointments.

I will send (absolutely free and without obligation) to any other sufferer full and complete description of how I cured the hair so that it has never returned. If you have a hair growth you wish to destroy, quit wasting your money on worthless powders, pastes

and liquids, or the dangerous electric needle; learn from me the safe and painless method I found. Simply send your name and address (stating whether Mrs. or Miss) and a 2 cent stamp for reply, addressed to Mrs. Kathryn Jenkins, Suite 152 B. P. No. 623 Atlantic Ave., Boston, Mass.

FREE COUPON This certificate entitles any reader of Park's Floral Magazine to Mrs. Jenkins free confidential instructions for the banishment of Superfluous Hair, if sent with 2c stamp for postage. Cut out and pin to your letter. Good for immediate use only. Address Mrs. Kathryn Jenkins Suite, 152 B P., No. 623 Atlantic Avenue, Boston, Mass.

SPECIAL NOTICE: We earnestly advise every lady who wishes to be rid of the disfigurement of Superfluous Hair to accept above offer at once. This remarkable offer is sincere and genuine, the standing of donor being unquestioned.

Stop Using A Truss



STUART'S PLAPAO-PADS are different from the truss, being medicine applicators made self-adhesive purposely to hold the parts securely in place. No straps or buckles attached—no obnoxious springs. Cannot slip, so cannot chafe or press against the bone. Thousands have successfully treated themselves at home without hindrance from work—most obstinate cases cured. Soft as velvet—easy to apply—Inexpensive. Awarded Gold Medal. Process of recovery is natural, so afterwards no further use for trusses. We prove it by sending you Trial of Plapao absolutely free. Write today. PLAPAO CO., Block 1274 St. Louis, Mo.



Reduce Your Flesh

LET ME SEND YOU "AUTO MASSEUR" ON A 40 DAY FREE TRIAL BOTH SEXES

So confident am I that simply wearing it will remove superfluous flesh that I mail it free, without deposit. When you see your shapeliness speedily returning I know you will buy it. Try it at my expense. Write to-day.

E. P. BURNS 15 West 38th Street New York City.

SUPERFLUOUS HAIR

instantly removed forever with "Ejecthair." No pain; no harm; cannot fail. Sent in plain wrapper for 15 cents stamps or coin. Send now to Dept 37. Manageress, ST. PAUL, MINN.

CORRESPONDENCE.

From Oklahoma.—Mr. Park: We have never missed a copy of your valuable little Magazine since we first heard of it, ten years ago. We have everyone in regular file, and they are used for reference. How I would have enjoyed your help when a girl. I have raised flowers in the garden ever since I can remember. Now I am learning to raise them in the house. I wish you could see our healthy start. We gave 154 Chrysanthemum bouquets away this fall in spite of drouth, and promised slips to 26 people for spring planting. I enjoy dividing my plants.

Mrs. Calvin L. Young.

Billings, Okla., Dec. 8, 1914.

From Illinois.—Mr. Park: In renewing my subscription for your Magazine I must repeat how I appreciate it, and what a happy thought it was for you to publish it. It has given more pleasure than you can ever know, and I aim to take it as long as I live; it is so high toned. I enjoy all the literature, especially your letters, and descriptions of flowers. I seem to love them more as I grow older. I had some lovely flowers last summer in spite of drouth.

There are no good cats, as far as birds are concerned, no matter how they are trained or fed, or to whom they belong. It pleases cats much better to catch a bird than a rat, as you may have often observed. How I hate to see a bird in these clutches. Bless the sweet vanishing birds! I miss so many I used to know. People should wake up and protect the birds before it is too late. Wishing you long life and many happy Christmases, I remain one of your old subscribers.

Mary M. Parker.

Union Co., Ill, Dec. 23, 1914.

Cancer Book

Entirely New Book on Cancer. The most comprehensive explanation of cancer and its successful treatment without the knife ever published. The Book is FREE. Send for a copy today and Learn the Truth about cancer.

O. A. JOHNSON, M. D., Suite 441, 1320 Main St., Kansas City, Mo.



PARKER'S HAIR BALSAM

A toilet preparation of merit. Helps to eradicate dandruff. For Restoring Color and Beauty to Gray or Faded Hair. 50c. and \$1.00 at Druggists.



Secrets of Love Making, OR THE ART OF WOOING, WINNING AND WEDDING.

Tells "How to Court the Girls," "How Girls Should Manage Her Beau to Make Him Propose," "Love Letters, How to Write Them," "How to Catch a Rich Bachelor," "How to Catch a Widow," "How to Make Your Fellow or Girl Love You," "Gauguin, etc." This Great Book is the Diamond Key that Unlocks the Door to the Heart. Most helpful to Lovers, Young or Old. Either Sex. Win who you like. This wonderful Book sent Post Paid for only 10c, or 3 for 2c. STAR BOOK CO., HURLEYVILLE, N.Y.

HERB

DOCTOR RECIPE BOOK and Herb Catalogue 10c, worth 55c. Teaches how to make medicines from herbs for all diseases. Over 250 receipts and herb secrets. Ind. Herb Gardens. Box P. Hammond, Ind.

CANCER

Treated at home. No pain, knife, plaster or oils. Send for Free treatise. A. J. Miller, M. D., St. Louis, Mo.

MOTHERS

Bed Wetting Cured. FREE ZEMETO CO. Box D 6. MILWAUKEE, WIS.

VARICOSE VEINS

BAD LEGS, ETC.

are promptly relieved with inexpensive home treatment. It absolutely removes the pain, swelling, tiredness and disease. Full particulars on receipt of stamp. W.F. Young, P.D.F., 197 Temple St., Springfield, Mass.

GOITRE

cured while you sleep. No taking drugs to derange stomach. Positive proof before you pay. Write to PHYSICIANS RELIEF COMPANY, Lock Box A 7, Milford, Ind.

ASTHMA

REMEDY sent to you on Free Trial. If it cures, send \$1.00; if not, it's FREE. Give express office. Write for your bottle today. W. K. Sterlino, 881 Ohio Ave., Sidney, Ohio

CATARRH IS CURABLE



**I CURED MYSELF!
I CURED MY FRIENDS!**

I Want to Tell YOU How FREE!

No Ointment, Grease, Spray, Lotion, Salve, Things
to Smoke or Burn and Then Inhale—No Electricity,
Massage, Vibration or Instrument.

HEALS 24 HOURS!

Don't let anybody tell you that Catarrh is not curable. It can be cured. I know it. I have proved it—and will prove it to YOU—FREE of cost—NOW. Never mind what you've tried, or how many times you have been disappointed. I tried and failed for years. I cured myself—my friends—their friends. THOUSANDS have written to me and thanked me for showing them how to rid themselves of Catarrh *permanently*—right in their own home—visiting or traveling.

There may be ten thousand wrong ways, but there is ONE RIGHT WAY. I want you to know it—AT ONCE—FREE.

Your hawking, spitting, sneezing, nose-blowing, heart-burn, head-noises, cold-deafness, nausea, catarrhal dizziness or headaches vanish. Never mind how great or extravagant my promise may seem, I can **PROVE** it is the truth.

YOU CAN BE FREE!

You don't have to use salve, pastes, greases, jellies, lotions, ointments, sprays, atomizers, nebulizers, electricity, massage, vibration, surgery, things to smoke or burn and then inhale, plasters, masks, bandages; baths, injections, or anything of the kind.

Now that I am so willing to show you how to drive out Catarrh, you certainly ought to write and let me aid you.

Nobody suffered more than I did. I was a social outcast—a miserable

failure, and because I freed myself I want to free you. The truth is FREE. It is better by far than a gift of money to you. It means Health, Happiness, *Freedom from Catarrh*—that fearful demon of disease.

JUST RISK ONE PENNY

Surely, you will spend a penny for a postal to get this truth FREE. Just write and say, "Tell me how I can rid myself of Catarrh, **FREE.**" Address me **RIGHT NOW:**

Sam Katz

Suite B 592, 1325 So. Michigan Ave., Chicago, Ill.

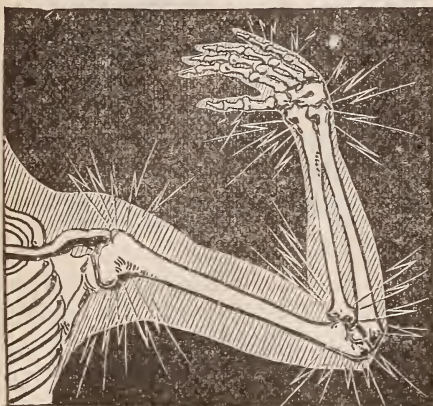
DON'T WAIT!—DON'T GUESS!—BUT ASK TODAY!

RHEUMATISM

Remarkable Home Cure Given by One Who Had It—He Wants Every Sufferer to Benefit.

Send No Money—Just Your Address.

Years of awful suffering and misery have taught this man, Mark H. Jackson of Syracuse, New York, how terrible an enemy to human happiness rheumatism is, and have given him sympathy with all unfortunates who are within its grasp. He wants every rheumatic victim to know how he was cured. Read what he says:



"I Had Sharp Pains Like Lightning Flashes Shooting Through My Joints."

"In the spring of 1893 I was attacked by Muscular and Inflammatory Rheumatism. I suffered as only those who have it know, for over three years. I tried remedy after remedy, and doctor after doctor, but such relief as I received was only temporary. Finally, I found a remedy that cured me completely, and it has never returned. I have given it to a number who were terribly afflicted and even bedridden with Rheumatism, and it effected a cure in every case.

I want every sufferer from any form of rheumatic trouble to try this marvelous healing power. Don't send a cent; simply mail your name and address and I will send it free to try. After you have used it and it has proven itself to be that long-looked-for means of curing your Rheumatism, you may send the price of it, one dollar, but, understand, I do not want your money unless you are perfectly satisfied to send it. Isn't that fair? Why suffer any longer when positive relief is thus offered you free? Don't delay. Write today.

MARK H. JACKSON.

No. 592 A Gurney Bldg., Syracuse, N. Y."

DON'T SUFFER FROM FITS

Let Our Remedies Prove Themselves
\$2.50 Treatment FREE

Men, women and children have been permanently relieved of Fits, Epilepsy, Nervous and Falling Spells by the restoratives of a prominent Battle Creek, [Mich.] Doctor.

One woman writes of her son: "He has not had an attack since taking the first month's treatment." A man says: "I did not have a single spell after beginning the treatment." A woman writes: "You cured me of those terrible fits."

Many show marked improvement from the Free Trial Treatment alone. Write today for this free treatment [\$2.50 worth] and prove the merit of the remedy to your own satisfaction. Address Dr. Peebles Institute, 216 Madison Street, Battle Creek, Michigan.

CORRESPONDENCE.

From Missouri.—Dear Mr. Park: I have taken your Magazine for nearly forty years, and I cannot do without it. Everyone who sees my plants asks me how I have such good results, and then I recommend your Magazine. All of the subscribers I sent you are pleased with their bulbs, Magazine, and premiums, and send many thanks to you.

I was born in 1834, and have been a great lover of flowers all my life. If I and my husband live until March we will have been married sixty years. I want all my friends to remember me with flowers and bulbs. I hope to get up another club in the spring. Wishing you success in your business, I am, respectfully,

Mrs. V. R. Hendricks.

Marshall, Mo., Dec. 5, 1914.

From Massachusetts.—Mr. Park: I am a subscriber to your Floral Magazine, and from time to time read about the Impatiens Sultanii. I have one, and the leaves are all dropping, and there seems to be no new ones coming out. I keep it in a bay window, where it gets the morning sun, but it blossoms so freely I hate to see it look so ragged. Can you tell me what to do to prevent the leaves falling off?

Mrs. George A. French.

Townsend, Mass., Dec. 15, 1914.

[Ans.—Avoid the hot sunshine against the side of the pot, water regularly, and avoid extremes of temperature and a dry atmosphere. If the pot were set inside a larger pot, and the space between filled with sphagnum moss it would overcome the sun rays, and promote an even degree of moisture in the soil, as well as moisten the atmosphere. By removing from the window at night to a warmer place a chilling temperature will be avoided. The plant should then do well.—Ed.]

GALL STONES AVOID Operating Direct Liver Treatment (No Oil) Positive Home Remedy Ends Stomach Misery

If you have pains in Right Side, Back, Under Shoulders, in Pit of Stomach, Colic, Gas, Stomach Trouble, Indigestion, Sick Headache, Dizzy Spells, Nervousness, Bad Color, Blues, Costiveness, Yellow Jaundice, Torpid Liver, Appendicitis or Gall Stones—**Don't Give Up Hope—Take Gall-Tone AND FREE**

Don't wait till the 11th Hour Invest One Cent NOW

For there is no guarantee of a cure in the last stages of your ailment. **You Can Be FREE.** Write for our Liver Gall Book today.

GALLSTONE REMEDY CO.
Dept. A-44 219 S. Dearborn St. Chicago

FREE

ECZEMA IS ONLY SKIN DEEP No internal medicine will cure ECZEMA. Only by the application of **Cranolene** can the Eczema microbe be destroyed. You pay us no money until you say you are cured. **Write today.**

MILLS CHEMICAL CO., 467 Mills Bldg., Girard, Kansas

Cancer—Worth Knowing.

No need of cutting off a man's nose or cheek or a woman's breast in a vain attempt to cure cancer—no need of submitting to the knife or burning plaster. Frequently one injection, in selected cases, of our Liquid Laboratory Product directly into the cancer or tumor instantly kills it. Write for free booklet to the Leach Sanatorium, Indianapolis, Ind.

LADIES WHEN DELAYED or irregular use Triumph Pills, always dependable. "RELIEF" and particulars FREE.
Write National Medical Inst., Milwaukee, Wis.

REMOVE SUPERFLUOUS HAIR My method is simple, easy, certain and harmless. Will not irritate the tenderest skin. Guaranteed results no matter how heavy the growth. Sample 10c.
Atlantic Sales Co., 235 Palisade Ave., Jersey City, N. J.

GRAVING FOR TOBACCO STOPPED

A sample of Ro-Lu-Bo, the tobacco eradicator, convinces you of its ability to help you quickly, surely. Sample free Bonner Remedy Co., 141 E. Pine, Wichita, Kas.

ABOUT RED SQUIRRELS.

Dear Mr. Park:—I noticed in the January number of your Magazine a letter about Red Squirrels by Eleanor R. Bartlett. She has said some true things, but I do not agree with her when she says that a family of Red Squirrels will destroy more birds than a big family of cats, because statistics prove that the cat ranks second in the destructive forces of the birds (man being first, and the elements third). Red Squirrels do some good in destroying certain injurious beetles and spiders, and also by eating seeds of noxious weeds. Of course in certain localities where Red Squirrels have become abundant, they may prove very destructive to bird-life, and as we need the birds more than the Squirrels, it may be well to wage war against them in such localities.



E. D. Cordingley.

Chautauqua Co., N. Y., Jan. 4, 1915,

[Note.—There is no doubt but that the Red Squirrel is very destructive to birds. It can go to almost any nest except that of the Oriole, and it robs the nests of eggs, young, and even the parent birds when they can be secured. It is an interesting little creature, but should not be allowed to become numerous, otherwise it will destroy all the birds within range.—Ed.]

EDITORIAL NOTES.

Sweet Mary.—In the January number of the Magazine a contributor speaks of "Sweet Mary" having a blue flower and blooming continuously. As there has been considerable inquiry as to what this "Sweet Mary" is, I will be glad to have any information as to its identity. What is often known as "Sweet Mary" is *Monarda Didyma*, also called Bergamot, which bears heads of scarlet flowers. Also *Melissa Officinalis*, a lemon-scented plant, often called Honey plant, Pimentary and Balm Mint. This has white or yellowish flowers. If the contributor will send fresh specimens of flower, leaf, and seed, the plant can be readily identified.

Flower Show.—The Third International Flower Show, under the auspices of the Horticultural Society of New York and the New York Florists' Club, will be held in New York City, in Grand Central Palace, March 17th to March 23rd, inclusive. The prospects are that this will be the best show that these organizations have held, and all those who can should make arrangements to attend.

THE ABFORMATOR

Something new in abdominal support. For corpulency; weak abdomens from stomach trouble; rupture; appendicitis or laparotomy incisions; pregnancy; floating kidney, etc.

No matter what your shape may be, if you need support, send for free descriptive circular. It will interest you.

THE ABFORMATOR HOME, Dept. No. 16, Watertown, N. Y.



THE FAILURE OF "606"

Are you one of those who used "606" and found it a failure? Have you been to Hot Springs and returned uncured? Have you taken the Mercury and Potash treatment and obtained only temporary relief? Have you suffered from Blood Poison, Rheumatism, Malaria, Chronic Constipation, Eczema, Catarrh, Liver or Stomach Trouble, Enlarged Glands in Neck or Groin, or Scrofula without being benefited by any treatment? If so, write for our 300-page book, FREE, showing how to obtain a permanent and positive cure. All correspondence confidential. THE C. E. GALLAGHER MEDICINE CO., Room 31, 1622 Pine St., St. Louis, Mo.

STOMACH

Remedy. This Pure Herb medicine not only relieves, but entirely cures. Price \$1 per bottle. Money back if dissatisfied. Write today for particulars, etc.

W. MULLER CO., 334 East 87th St., New York City

This Wife and Mother

Wishes To Tell You

FREE

How She Stopped Her Husband's Drinking

By all Means Write to Her and Learn how She did it.

For over 20 years Jas. Anderson of 55 Pearl Ave., Hillburn, N. Y., was a confirmed drunkard. His case was about as bad as it could be, but a little over twelve years ago his devoted wife, after years of trying, finally succeeded in stopping his drinking entirely.



Write to this woman if you have a relative or friend who drinks

Not only did she save Mr. Anderson but she stopped the drinking of her brother and several of her neighbors as well. All this she accomplished by simple home treatment which she now desires every man and woman who has a relative or friend who drinks, to know all about, for she feels that others can do just as she did.

The treatment can be given secretly if desired and without cost, she will gladly and willingly tell what it is. Therefore every reader of this notice who is interested in curing a dear one of drinking should write to Mrs. Anderson at once. Her reply will come by return mail in a sealed envelope. She does this gladly in hopes that others will be benefited as she was. One thing she asks however, and that is that you do not send money for she has nothing to sell. Simply address your letter with all confidence, to Mrs. Margaret Anderson at the address given above and she will reply by return mail in a sealed envelope.

Amaryllis.—Fine big bulbs of Aigberth, mixed colors, only 50c ea., \$5 doz. mailed. Park, La Park, Pa.

.....If You Have..... **RHEUMATISM**

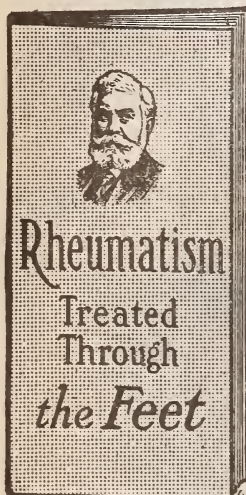
Write Your Name and Address Here

Name

Address

And send to Frederick Dyer, Dept. 291, Jackson Mich. Return mail will bring you **This Book** and **My \$1.00 Drafts to Try FREE** as explained below.

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**FREE
BOOK**

Tells how to get rid of Rheumatism, no matter where located or how severe, without medicine. My method has created such a sensation all over the world by its extraordinary simplicity, as well as

by its certainty to bring prompt and permanent relief, that every sufferer should learn about it at once. Men and women in every civilized country and in every climate are writing me that my Drafts have cured them, some after 30 and 40 years' suffering—a whole lifetime of pain—cured even after the most expensive treatments and baths had failed. No matter what your age, nor where or how severe the pain, I take all risk of failure and send you the Drafts right along with my Book, without a cent in advance—**To Try Free.**

Then after trying my Drafts, if you are fully satisfied with the benefit received, you can send me One Dollar. If not **keep your money.** You decide and I take your word. Send above coupon TODAY and get my **Drafts** and my **Illustrated Book**, by return mail prepaid. Address—**Frederick Dyer, Dept. 291, Jackson, Michigan.** Send no money—just the coupon.

TRADE MARK



BROOKS' NEW CURE

Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions. Binds and draws the broken parts together as you would a broken limb. No salves. No plasters. No lies. Durable, cheap. Full information and book on rupture **FREE. Sent on Trial.** C. E. BROOKS, 1784 B State



Street, Marshall, Michigan

CORRESPONDENCE.

From Missouri.—Mr. Park: There is so much that is good in the New Year's number of our little Magazine one scarcely knows where to begin, for I must say a few words after years of silent appreciation. I have a facsimile of the beautiful Christmas Cactus on front page, and am never weary looking deep in the heart of the lovely flowers. The Editor's letter to the children this month rejuvenates me again, for in my old home orchard there is also a little screech owl, and it has come so regularly each winter that we call it Uncle Ike, and would feel lost without its presence. Mrs. J. L. Oaks, of Los Angeles, Calif., your successful experiment with the Amaryllis Johnsonii was most interesting to me, as I have one of these, but only in April or May do I get bloom. I should enjoy a peep at Mary H. Swain's seedling Amaryllis, as that is something entirely new to me. I have an Asparagus Fern, which has bloomed once—such dainty small white star-shaped flowers. Mrs. Lulu Curtis.

Ashley, Mo., Jan. 11, 1915.

From Michigan.—Mr. Park: There are so many lovely flowers of easy culture that the busy woman hardly knows which to choose, as it is impossible to grow them all. I think everyone loves Pansies and Sweet Peas, though not all are successful in growing them. Sweet Alyssum, Candytuft and Asters are "must haves," but I think not everyone knows the possibilities of the Improved Snapdragon. They come in so many different shades and colors, self-colored, striped, and speckled, and they are beautiful. Not allowed to seed they bloom constantly till freezing weather. They are half-hardy perennials or biennials, blooming the first season. I have some in the cellar, and some protected out of doors, trying to see how they will winter in Michigan. They have certainly given entire satisfaction the past summer, and I wish every flower grower would try some of them and see if they ever grew lovelier flowers. V. T. Wonser.

Eaton Co., Mich., Dec. 28, 1914.

To Women Who Dread Motherhood

Information How They May Give Birth to Happy, Healthy, Children Absolutely Without Fear of Pain—SENT FREE



Don't dread the pains of childbirth. Dr. J. H. Dye devoted his life to relieving the sorrows of women. He has proven that the pain at childbirth need no longer be feared.

Send your name and address to Dr. J. H. Dye Medical Institute, 876 Lewis Block, Buffalo, N. Y., and we will send you, postpaid, his wonderful book which tells how to give birth to happy, healthy children, absolutely without fear of pain, also how to become a mother. Do not delay but write **TO-DAY.**



Goitre Cure

THE DIRECT WAY

Have your Goitre removed without taking medicine or having it cut out. We have a convenient, soothing appliance which is worn on the neck at night and cures while you sleep. It checks the growth, reduces the enlargement, and stops all pain and distress in a short time. 23 years success. Write today for free booklet and full particulars, including testimonials

from every state, price, etc. Not sold in stores.
PHYSICIANS REMEDY COMPANY,
660 San Fernando Bldg. LOS ANGELES, CAL

THE CAT QUESTION.

Mr. Park :—I read with great interest all articles you publish on the cat question. I think you should be commended for the stand you take for the good of our birds. I enclose a clipping from the Commercial Tribune which you may consider worth publishing. Mrs. M. J. Butler Co., O., Dec. 14, 1914.

DESTROY THE STRAY CATS AND PRESERVE SONG BIRDS.

Audubon Societies Start Movement to Tax Tabbies and Put to Death the Homeless Ones Who Suffer as Strays

E. H. Forbush, the Massachusetts State Ornithologist, is authority for the statement that the average stray cat is responsible for the death of fifty wild birds a year. Immediately the pertinent question pops up, Why have stray cats?

Why should we tolerate the nuisance and destructiveness of stray cats, or neighbors' cats, for that matter, any more than we tolerate troublesome dogs?

The homeless dog proposition has been practically solved by a system of taxation, and a humane method of disposing of the surplus, but it seems public opinion is slow in evolving as humane an attitude toward cats.

Possibly it is the element of mystery and superstition that surrounds the cat in man's mind that



has prevented him from trying to understand this little animal and give it as fair treatment as is accorded the dog.

The truth is that cats suffer a great deal of cruel treatment at the hands of man, and it ought not to be. A system of taxation would no doubt improve the cat situation by lessening the numbers of the surplus, and it would also save the lives of thousands of wild birds.

One of Cincinnati's Councilmen a few years ago was long-headed enough and brave enough to advocate taxing cats, but his contemporaries laughed him to scorn; but that Councilman will live to see his idea triumph.

The National Association of Audubon Societies has now gone on record as favoring a taxation of cats. Some of the State Audubon Societies are taking a similar stand. Humane societies will soon see the wisdom of such a move.

Dr. Robert C. Jones, President of the Cincinnati Audubon Society, is a strong advocate of a system of taxing cats. Dr. Eugene Swope, educational field agent for the national association, when consulted on methods for starting a bird reserve, advises: "First, start a kitty cat cemetery, but do it humanely."

[Note.—It's almost like "locking the stable after the horse is stolen" to put a tax upon cats at this late date. It ought to have been done forty years ago. Now many of our best insectivorous songsters have become so scarce as to be almost extinct. A tax on cats, however, may still be of some benefit in preserving the few birds we have and legislators of the various States should lose no time in passing such a law.—Ed.]

Sore Eyes Granulated Eyelids.

Eyes inflamed by exposure to Sun, Dust and Wind quickly relieved by Murine Eye Remedy. No Smarting just Eye Comfort. At Your Druggist's 50c per Bottle. Murine Eye Salve in Tubes 25c. For Book of the Eye Free ask Druggists or Murine Eye Remedy Co., Chicago

Remove Superfluous Hair. My method is Simple, easy, certain, and harmless. Will not irritate the tenderest skin. Guaranteed results no matter how heavy the growth. Sample 10c. Atlantic Sales Co., 235 Palisade Av. Jersey City, N. J.

REAL HAIR GROWER

Found at Last!

The Great English Discovery, "Crystolis," Grows Hair in 30 Days.

\$1000.00 Reward If We Fail on Our Guarantee. Try It At Our Risk—Mail Coupon Today.



Beautiful Hair and Lots of it, if You Use Crystolis.

In Europe 'Crystolis,' the New English Hair Grower, has been called the most wonderful discovery of the century.

The judges of the Brussels and Paris Expositions enthusiastically awarded Gold Medals to this marvelous hair grower.

Already since we secured the American rights hundreds of men and women have written telling of the phenomenal results obtained by its use. People who have been bald for years tell how they now glory in beautiful hair. Others who have had dandruff all their lives say they have got a clean, healthy scalp after a few applications of this wonderful new treatment.

We don't care whether you are bothered with falling hair, prematurely gray hair, matted hair, brittle hair or stringy hair; dandruff, itching scalp, or any or all forms of hair trouble, we want you to try "CRYSTOLIS" at our risk.

We give you a binding guarantee without any "strings" or red tape, that it won't cost you a cent if we do not prove to you that "Crystolis" will do all we claim for it and what's important, we have plenty of money to back our guarantee. \$1,000 has been deposited in our local bank as a Special Fund to be forfeited if we fail to comply with this contract. Cut out the coupon below and mail it today to Creslo Laboratories, 2-P Street, Binghamton, N.Y.

FREE COUPON.

The Creslo Laboratories,
2-P Street, Binghamton, N. Y.

I am a reader of Park's Floral Magazine. Prove to me without cost how Crystolis stops falling hair, grows new hair, banishes dandruff and itching scalps and restores premature gray and faded hair to natural color. Write your name and address plainly and

PIN THIS COUPON TO YOUR LETTER.

RHEUMATISM

Solace Rheumatic Remedy is a revelation to thousands in its positive, powerful, immediate effect on Rheumatism, Lumbago, Gout and all Uric Acid Troubles.

50c BOX FREE

Doctors, Druggists, Patients write of splendid results. No injurious after effects. Different and better. Prove at our expense. No obligation. Write for 50c box FREE.

Solace Chemical Co., 703 Minty Bldg. Battle Creek, Mich.



GOITRE

\$2.50 TEST TREATMENT FREE

Don't suffer and be disfigured with Goitre. I am curing hundreds of old chronic cases that had resisted all other remedies. My patients everywhere are reporting cures.

You may try one \$2.50 treatment of my remarkable discovery at my expense. It's absolutely FREE—in plain package—send no money. You will be surprised at how quickly my treatment reduces the size of the goitre and relieves choking and other disagreeable symptoms. It is effective from the first trial. No interference with your work, no danger of any kind, no obligation. SEND AT ONCE.

\$2.50 Treatment Free

Fill out and mail this coupon to DR. W. T. BOBO 703 MINTY BLOCK, BATTLE CREEK, MICH., and get one \$2.50 Treatment FREE by mail.

Age?.....How old is goitre?.....yrs.

Nervous?.....Hands tremble?.....

Do eyes bulge?.....Does heart beat too

rapidly?.....Health?.....

Name.....

Address.....

CHILDREN'S CORNER.

Dear Mr. Park:—I like your stories very much, and as soon as Papa brings in the Magazine I want to see it. I am fond of reading and have seven books at school, I am in the third grade.
Helen Russel, aged 9.

Modena, Pa., Dec. 17, 1914.

Dear Mr. Park:—I live on a farm and am 11 years old. I am the baby of the family. I have two pet chickens. We have three horses, one colt, seven cows and four calves. Mamma has many pretty flowers and likes them very much. I go to school every day and like my teacher.

Thelma C. Losch.

Montoursville, Pa., Dec. 19, 1914.

Dear Mr. Park:—I am a schoolboy 13 years old. My mother has taken your Magazine for over 10 years and thinks she could not do without it. Three years ago we moved from Wisconsin to California and Mother felt lonesome at first, because she had no pretty flowers and plants to cheer her up, and now she has many house plants and does not feel so lonesome as she did at first.

Los Angeles, Calif., Dec. 20, 1914.

EXCHANGES.

Flower seeds, house plants and crochet patterns for Paeonies & D'lias. Mrs. A. P. Brust, R. 1, Valparaiso, Ind. Daffodil and Jonquil bulbs for Ferns, Amaryllis, Rex Begonia, etc. Mrs. Geo. R. Martin, Peter's Creek, Va. Rare and native Cacti, Chinese Berry, Cotton seeds and fancy w'k for house pl'ts. Mrs. G. Foster, Como, Tex. Wild bulbs and flower seeds for cloth bound novels in good condition. Mrs. A. N. Shaw, 1824 E. 5th Street, Los Angeles, Calif.

Chrysanthemums and other plants for bulbs and Cacti. Mrs. Henry F. Bartlett, Bartlett, N. C.

Seeds of wild and tame flowers for plants and bulbs. H. Peterman, Sebastopol, Calif.

Plants, bulbs and seeds for Ferns, Begonias and foliage plants. N. G. Forman, R. 1, Sandy, Utah.

Seeds of dwarf Marigolds for other seeds. Emil G. Vogt, Dayton, O.

Salt dough beads, flower and vegetable seeds. Write. Mrs. Jesse Hunt, Unity, Ky.

Sister: Read My Free Offer!



I am a woman.

I know a woman's trials.

I know her need of sympathy and help.

If you, my sister, are unhappy because of ill-health, if you feel unfit for household duties, social pleasures, or daily employment, write and tell me just how you suffer, and ask for my **free ten days' trial of a home treatment** suited to your needs. Men cannot understand women's sufferings. What we women know from experience, we know better than any man. I want to tell you how to cure yourself at home at a cost of about 12 cents a week.

If you suffer from women's peculiar ailments causing pain in the head, back, or bowels, feeling of weight and dragging down sensation, falling or displacement of pelvic organs, causing kidney and bladder weakness or constipation and piles, painful or irregular periods, catarrhal conditions and discharges, extreme nervousness, depressed spirits, melancholy, desire to cry, fear of something evil about to happen, creeping feeling along the spine, palpitation, hot flashes, weariness, sallow complexion with dark circles under the eyes, pain in the left breast or a general feeling that life is not worth living,

I INVITE YOU TO SEND TODAY FOR MY FREE TEN DAYS' TREATMENT

and learn how these ailments can be easily and surely conquered at home without the dangers and expense of an operation. When you are cured, and able to enjoy life again, you can pass the good word along to some other sufferer. My home treatment is for young or old. To Mothers of Daughters, I will explain how to overcome green sickness (chlorosis), irregularities, headaches, and lassitude in young women and restore them to plumpness and health. Tell me if you are worried about your daughter. Remember it costs you nothing to give my home treatment a ten days' trial, and does not interfere with daily work. If health is worth asking for, then accept my generous offer and write for the free treatment, including my illustrated booklet, "Women's Own Medical Adviser." I will send all in plain wrappers postpaid. To save time, you can cut out this offer, mark your feelings, and return to me. Send today, as you may not see this offer again. Address,

MRS. M. SUMMERS, BOX 51, NOTRE DAME, IND., U. S. A.

CORRESPONDENCE.

From Georgia.—Mr. Park: I write you to let you know I prize your little Magazine very much. I don't think I could do without it, as I often turn to its pages for help. I always keep every number, and at the end of the year I bind them to have for future reference. I am an enthusiastic flower lover, for flowers are God's jewels for Earth's ornaments.

If I could have only one flower it would surely be the ever-blooming Rose. There was not a time from April till November that I could not have cut from my plants a bouquet of rosea. There is nothing I enjoy more than giving flowers to the unfortunates. I think the more I give the more I have. Petunias and Vinca Roseas are two annual stand-bys, as they bloom from early till late, and reseed themselves each year. I am a farmer's daughter, and would not exchange with any city lass. I surely appreciate the stand you take against whiskey and tobacco—the world's greatest evils. I wish more of our editors would do likewise, and I think the world would be made much better.

Georgia, Jan. 4, 1915.

Mary Anderson.

Cured His RUPTURE

I was badly ruptured while lifting a trunk several years ago. Doctors said my only hope of cure was an operation. Trusses did me no good. Finally I got hold of something that quickly and completely cured me. Years have passed and the rupture has never returned, although I am doing hard work as a carpenter. There was no operation, no lost time, no trouble. I have nothing to sell, but will give full information about how you may find a complete cure without operation, if you write to me, Eugene M. Pullen, Carpenter, 462 A Marcellus Avenue, Manasquan, N. J. Better cut out this notice and show it to any others who are ruptured—you may save a life or at least stop the misery of rupture and the worry and danger of an operation.

LADIES! Send 4 cents in stamps for our **Book on Woman and her troubles.** Should be in every home. **Worth many times its cost.**

VITAL FIRE REMEDY CO.
Dept. 5, 273 Washington St., Jersey City, N. J.

IF YOU WANT TO GET RID OF

Rheumatism

Write for Sample bottle of "Five-Drops" to
SWANSON RHEUMATIC CURE CO., Newark, O.

FITS! I CURED MY DAUGHTER by simple discovery. Doctors gave her up. Will send A. E. LEPSO, Island Ave. MILWAUKEE, WIS. **FREE**

Pain Paint Send 50c in stamps and we will mail you a Dollar of Wolcott's Pain Paint powders, with full directions to make sixty 25-cent bottles. Pain Paint stops pain instantly; removes Headache, Toothache, Neuralgia, in one minute; cools faster than ice; burns will not blister. A spoonful taken four times a day kills Dyspepsia. Sold 40 years by agents.

R. L. WOLCOTT & SON, 10 Wolcott Bldg, New York

ASTHMA

Cured Before You Pay

I will send a \$1.00 bottle of Lane's Asthma Remedy to any sufferer who will send name, address and 10c to help pay postage. When completely cured send me the \$1.00. Otherwise, just report. Address

D. J. Lane, 711 Lane Bldg., St. Marys, Kansas.



This New Book written in plain English and handsomely illustrated with anatomical plates in three colors is yours for the asking.

Write for it today.

Dr. Giles W. Van Vleck the eminent authority on rectal diseases specialized for forty years of his life on the treatment of Piles.



The result of his research, the soothing relief he has brought to thousands afflicted with this dire disease is interestingly told in this new book. It also tells of causes and effects, describes and pictures the structure of affected parts, is filled with valuable information that will save you from many an hour of agony, and perhaps expensive and useless operations. This book has a message for suffering humanity. It has rescued hundreds from terrible torture, has turned lives of untold misery into lives of comfort, peace and happiness. If you have Piles, Fissure, Fistula or any rectal trouble, write for this new book, because delays are dangerous and preventative treatment important.

SAMPLE FREE Write promptly and we new Book but a Sample of Dr. Van Vleck's Absorptive Plasma absolutely free. This sample will instantly relieve your pain, will cost you nothing and will start you on the right road to recovery.

Just write your name and address on a postal card or piece of paper and mail it to us. We will send book and sample at once, free and prepaid, in plain wrapper. Send it today. Address

Dr. Van Vleck Co., Dept. 291, Jackson, Mich.

TOBACCO HABIT CONQUERED easily in 3 days! Improve health, prolong your life. Relieve

stomach or kidney trouble, hoarseness, headaches, irritability, nervous worry, heart weakness, Avoid blindness! Gain lasting vigor, calm nerves, better memory, clear eyes, superior mental strength. Banish spells of melancholy; avoid collapse. If you chew, dip snuff or smoke pipe, cigarettes, cigars, get my interesting free book. Just what you have been looking for. Proved worth weight in gold to others: why not you? Overcome nicotine habit, start anew and be genuinely happy. Book mailed free. Address: **EDWARD J. WOODS, 534 Sixth Avenue, C 360, New York, N. Y.**



*I Will Prove to You by Signed Statements
and Letters From Scores of Former Sufferers That*

RUPTURE

CAN BE CURED

No Truss, Steel Springs,
Elastic Bands, Leg Straps,
No Knife or Operation.
Enjoy Grand, Glorious
Comfort While Your
Rupture Heals,

Write for This Rupture Book Today--FREE!

Are you going about harnessed like an overburdened truckhorse with an ill-fitting truss or other makeshift contraption always gouging into your flesh or slipping out of place, allowing your rupture to come down and be pinched beneath an improperly constructed or ill-fitted pad?

Be Free From Truss Slavery and Rupture Misery

Hundreds of people who had suffered for years, people who had tried all kinds of trusses and drug store appliances without success and who had about given up hope of ever finding relief, are now going about their duties in perfect ease and comfort, enjoying peace of body and peace of mind—their ruptures held, supported, protected PERFECTLY and scientifically by the SCHUILING RUPTURE LOCK.

Others—scores of others—have written to us declaring that after wearing this remarkable Lock with glorious comfort for a few months, they were surprised and delighted to find the rupture parts entirely healed, the openings completely closed so that they could take off the Lock and go about without support of any kind.

Wearers Tell of Remarkable Cures

Mr. S. J. Bryant, who lives at Garland, Kans., says: "In about two months time the rupture was well, but I wore the Lock about a month longer until I was sure I was strong. I then took the Lock off and found I was entirely sound."

Mr. C. M. Slade, Box 54, Marshalltown, Ia., says: "Not only has your rupture Lock cured me of that terrible rupture I suffered with so long, but it has wonderfully improved my health."

Mr. W. R. Peterson, Eulalia, Fla., suffered for eleven years, tried all kinds of trusses but could find nothing that afforded proper support, until he tried the SCHUILING RUPTURE LOCK. His letter says in part: "In a little less than three months' time I was entirely cured. Believe me, I am the proudest man in the world now and tell everybody I know."

The Real Test

A Michigan telephone man says he can climb telephone poles without fear of the Lock slipping or rupture coming down. A Montana ranchman writes us that he rides and "breaks" WILD horses, and that the Lock holds his rupture perfectly. Railroad men, blacksmiths, farmers, teamsters; men doing all kinds of hard rough work, are wearing Schuiling Rupture Locks, and say their ruptures never come down or cause them the slightest distress. I want to send you letters from these and many others. Mail this coupon today and let me explain in detail the most wonderful rupture device ever known.

My Rupture Book Explains

It contains many illustrations and such interesting and valuable information about the various kinds of rupture, fully describes the SCHUILING RUPTURE LOCK and explains how and why this comforting device produces such remarkable results when old-fashioned trusses, leg straps, steel springs and elastic bands prove miserable failures. Write for it today. It will be sent to you entirely free and with it I will send full particulars as to how you can

Test This Lock For 30 Days Entirely At My Risk

No matter whether your rupture is large or small, single or double, no matter what you have tried and what has failed to give you proper and comfortable support, I will PROVE to you without the risk of a single penny that the SCHUILING RUPTURE LOCK WILL give you proper support, WILL give you GREATER comfort than you have ever known since you have been ruptured.

I will take all the chances. You can put it on and give it the severest test that you can think of and if you are not delighted with the way it holds and the glorious comfort it gives you, if you can't say it is the greatest and grandest device for the treatment and cure of rupture that you ever saw, ever tried or even heard of, then it won't cost you a penny. By all means learn how and why the WONDERFUL SCHUILING RUPTURE LOCK produces such remarkable results—I want you to have my book, want you to have my 30-day trial offer, want you to read the letters from scores of cured, happy people. Send coupon or write a letter or post card today.

A. A. SCHUILING CO.

6 E. Georgia St., Indianapolis, Ind.

Please send me **FREE**, in plain wrapper, your book on Rupture and trial offer plan.

Name.....

City.....

State.....



